PHASE I
ENVIRONMENTAL SITE ASSESSMENT

FOR
ASSESSOR’S PARCEL NUMBER 259-011-067-000
ONE RYAN RANCH ROAD
MONTEREY, CALIFORNIA  93940-5703

FOR
DENISE DUFFY & ASSOCIATES
945 CASS STREET, SUITE 5
MONTEREY, CALIFORNIA 93940-4525

BY
PACIFIC CREST ENGINEERING INC.
MARCH 6, 2015
PCEI PROJECT NO. 1507
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March 6, 2015

Ms. Erin Harwayne, AICP  
Senior Planner/Project Manager  
Denise Duffy & Associates, Inc.  
945 Cass Street, Suite 5  
Monterey, CA 93940-4525

Subject: Phase I Environmental Site Assessment  
Assessor’s Parcel Number 259-011-067-000  
One Ryan Ranch Road, Monterey, CA 93940-5703

Dear Ms. Harwayne:

In accordance with your authorization, we have completed a Phase I Environmental Site Assessment (ESA) for the Subject Site, Assessor’s Parcel Number (APN) 259-011-067-000, located at One Ryan Ranch Road in Monterey, California (Subject Site).

The accompanying report describes the completed environmental site assessment and presents conclusions for the Subject Site. Please note that the subject environmental site assessment was conducted and this report was prepared for use solely by Denise Duffy & Associates, Inc. This report shall not be relied upon by, or transferred to, any other party without the express written authorization of Pacific Crest Engineering Inc.

If you have any questions concerning the data, conclusions or recommendations presented in this report, please call our office.

Sincerely,

PACIFIC CREST ENGINEERING, INC.,

Cara Al-Lami  
Staff Geologist

James F. Walker, PE  
Vice President / Principal Chemical Engineer  
CH 4664, Expires 6/30/2015  
C 62120, Expires 9/30/2015  
FP 1601, Expires 6/30/2015
PHASE I ENVIRONMENTAL SITE ASSESSMENT

Assessor’s Parcel Number 259-011-067-000
One Ryan Ranch Road, Monterey, CA 93940

1.0 EXECUTIVE SUMMARY

Pacific Crest Engineering Inc. (PCEI) has completed this Phase I Environmental Site Assessment (ESA) of the site located at One Ryan Ranch Road in Monterey, California, Assessor’s Parcel Number (APN) 259-011-067-000 (Subject Site).

PCEI was contracted by Denise Duffy & Associates, Inc. to complete this Phase I ESA.

PCEI’s completed Phase I ESA of the Subject Site follows the general guidelines established within ASTM Standard E1527-13.

The study included a review of local, state and federal environmental record sources, existing documentation, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; and a reconnaissance of the Subject Site to review current conditions and to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.

PCEI’s completed work revealed the following:

1. A review of County of Monterey files identified a total of four documented petroleum product type spills at the Subject Site which do not have any associated closure documentation. All subject spills occurred prior to 2003.

2. A review of regulatory records identified a total of two open (active) leaking underground storage tank (LUST) sites located within ½ mile to the project site.

Based on the findings of this assessment, it is recommended that additional records review work be conducted to hopefully locate closure documentation associated with the Subject Site past petroleum product spills. If subject documentation cannot be located, it is further suggested that a Phase II ESA be completed in the spill areas for which no associated closure documentation can be located to confirm closure.

Both lead paint and asbestos-containing material (ACM), which was excluded from PCEI’s scope of work, may or may not be a site concern.

This executive summary is provided solely for the purpose of project overview. Any party who relies on this report must read the full report. This executive summary omits a number of details, any one of which could be crucial to the proper understanding and risk assessment of the subject matter.
2.0 INTRODUCTION

2.1 PURPOSE AND BACKGROUND INFORMATION

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes prescribed herein, Recognized Environmental Conditions (REC) in connection with the site located at One Ryan Ranch Road (APN 259-011-067-000), Monterey, California 93940-5703.

It is PCEI’s understanding that this Phase I ESA has been required as part of the Subject Site upcoming expansion and remodel activities.

The Subject Site consist of a relatively flat, polygon shaped parcel that is approximately five acres. The site currently functions as a bus maintenance and operation facility for Monterey-Salinas Transit. Although, mostly flat, the site was cut into the existing slope in order to accommodate the construction of the facility. According to the Environmental Impact Report (EIR) prepared by Bainbridge Behrens Moore Inc. in 1974, approximately 3,444 cubic yards of earth was removed from the site. The site is zoned for Government and consists of approximately 14 structures. The main structure is an approximately 8,700 square foot, one-story administrative office building attached to an approximately 9,100 square foot bus bay and maintenance shop. Roughly eleven storage containers line the north and west sides of the property. An approximately 830 square foot, one-story modular building, referred to as “The Annex,” is located in the southwest corner of the site and was installed in 1999. The site is mostly paved with impervious materials with minimal landscaping. Dense, native vegetation exists around the outer edges of Subject Site.

Furthermore, a variety of above ground and underground storage tanks and drums exist on the west and north-northwest sides of the property. The volume of the on-site tanks and drums range from 35 gallons to 10,000 gallons. A designated battery storage area exists west of and adjacent to the bus bay building. Two transformers are present on the south end of the site near the administration building and one PG&E transformer is located on the west side of the main administration building entrance. Lastly, there are a total of eight storm drains on-site. Five are located near the main entrance, one is located northwest of the Steam Rack, one is located south of the Bus Wash, and one is situated in the northwest corner of the facility. All storm drains within the drainage system outlet to the Monterey Bay. Please refer to Figure No. 2 within Appendix A for a site map depicting the general layout of the MST Maintenance and Operations facility.

2.2 PCEI SCOPE OF SERVICES

The Scope of Services performed by PCEI in completing this subject Phase I ESA is in accordance with PCEI’s Proposal No. PR145 dated December 6, 2013. This Phase I ESA follows the general guidelines established within the ASTM Standard E1527-13 and includes the following tasks:
1. Performed a limited site reconnaissance of the property to look for evidence of the potential presence of hazardous materials and conditions which may indicate environmental impairment of the soil, groundwater or building.

2. Conducted inquiries in person, by telephone or email with persons knowledgeable about both past or present site activities/practices at the subject Site and adjacent properties, to the extent possible.

3. Completed a County of Monterey, Department of Health, Division of Environmental Health records review.

4. Completed a City of Monterey records review.

5. Subcontracted Environmental Data Resources, Inc. (EDR) of Milford, Connecticut to provide the following information, for review by PCEI, regarding the subject Site and surrounding area:
   A. Radius Map with GeoCheck® (Federal, State, Local, Tribal and Environmental Data Resources environmental records / databases)
   B. Sanborn fire insurance maps
   C. Historical topographical maps
   D. Historical aerial photos
   E. City Directory
   F. Property tax map report
   G. Environmental lien search report

6. Prepared a Phase I ESA for the subject Site based upon the completed tasks, listed above.

2.3 LIMITATIONS AND EXCEPTIONS

This Phase I ESA report has been completed in accordance with PCEI’s Proposal No. PR145 dated December 6, 2013. Based upon PCEI’s detailed Scope of Work, no testing of asbestos, lead-based paint, radon gas, site potable water, soil, groundwater, surface wipe samples, or indoor air quality were included. In addition, review of Assessor and Recorder Office records for a chain-of-title for Subject Site, evaluation of wetlands or cultural resources and compliance audits (occupational health and safety, operational permits, etc.) were beyond the scope of PCEI’s work.
PCEI’s opinion expressed herein is based upon the information provided to PCEI and collected during PCEI’s investigation, PCEI’s present understanding of the Subject Site conditions and PCEI’s professional judgment in light of such information at the time of preparation of this Phase I ESA report. PCEI is not responsible for the accuracy of information provided by individuals or entities that is used by others or PCEI in connection with the preparation of this Phase I ESA. This report is an opinion work (not intended as a substitute for legal advice), and no warranty is either expressed, implied or made as to the conclusions, or advice offered in this Phase I ESA. In addition, PCEI does not warrant or guarantee the Subject Site suitable for any particular use or certify that the Subject Site is clean or free of contamination. As with any Phase I ESA, it is possible that past or existing contamination remains undiscovered. The findings, opinions and conclusions of this Phase I ESA report are valid as presented, at the date published. Any changes in regulations or property conditions may invalidate the opinions or conclusions of this report.

2.4 SPECIAL TERMS AND CONDITIONS

No limiting conditions were encountered in the preparation of this Phase 1 ESA, as follows:

2.5 USER RELIANCE

This Phase I ESA report, prepared by PCEI, is intended for the sole and exclusive use of Denise Duffy & Associates, Inc. This report shall not be relied upon by or transferred to any other party, or used for any other purpose without the express written authorization of Pacific Crest Engineering Inc.

3.0 SITE DESCRIPTION

3.1 LOCATION

The Subject Site is located at One Ryan Ranch Road (APN 259-011-067-000), Monterey, California 93940-5703. The site consists of an approximately 217,800 square foot parcel (~5 acres) within a mixed use area of Monterey. The Subject Site is located on the north side of Ryan Ranch Road, east of Canyon Del Rey Boulevard, and south of Del Rey Gardens Drive.

Please refer to Figure No. 1 within Appendix A for a regional Site Map of the Subject Site.

3.2 CURRENT USE OF THE PROPERTY

The site is currently occupied by Monterey-Salinas Transit (MST). The facility houses office and administration space, fleet yard and storage area, a maintenance shop, bus wash, and various storage containers for MST.
3.3 SITE AND VICINITY GENERAL CHARACTERISTICS

The developed areas of the site are as follows:

3.3.1 Site Utilities

The Subject Site is connected to the following utilities:

3.3.1.1 Potable water provided by the City of Monterey.
3.3.1.2 Sanitary sewer provided by the City of Monterey.
3.3.1.3 Electricity provided by Pacific Gas & Electric.
3.3.1.4 Gas is provided by Pacific Gas & Electric.
3.3.1.5 Telephone, Internet, and Cable are provided by AT&T / City of Monterey.
3.3.1.6 There are eight storm drains located on-site. All drain to the Monterey Bay.
3.3.1.7 Trash Pickup/Disposal/Recycling provided by the City of Monterey.

3.3.2 Easements

There are no known easements located at the Subject Site.

3.3.3 Hazardous Materials Storage

Please refer to Figure No. 2 within Appendix A for a Site Map depicting the various use areas of the Subject Site.

Within the maintenance shop/bay area the following hazardous materials are stored:

- 80 gallon above ground hoist oil tank
- 250 gallon above ground transmission fluid storage tank
- Two compressors
- 250 gallon above ground waste coolant tank
- 250 gallon above ground gear oil storage tank
- 500 gallon above ground used oil tank
- Waste oil filter crusher
- Secondarily contained lead-acid battery storage area
- Above ground waste coolant tank
- 500 gallon above ground new oil tank
- Solvent storage area within the maintenance shop/bus bay building
- Solvent based parts cleaning area within the maintenance shop/bus bay building

Nearly all of the above listed storage containers are secondarily contained. Any spills/leaks in this area, if not contained by their associated secondary containment or if large enough in size, would drain to the area steam rack sump which drains to an oil/water separator. The steam rack is located west of the bays.

On the west side of the facility the following hazardous materials/potentially hazardous materials are stored:

- Tires within a designated work area
- Two storage containers
- Hazmat Storage Area
- Flammable storage containers
- Ops storage shed
- Facilities metal storage shed
- Bus diesel particulate filter thermal regenerator system

On the north side of the property, the following hazardous/potentially hazardous materials are stored:

- Bus wash reclaim water sump
- Bus wash
- 1,000 gallon re-claimed water tank for the bus wash
- Wood facilities storage shed
- Flammable storage containers
- 500 gallon above ground new oil storage tank
- Fuel Island
- Third storage container

The paved area between the bus wash and the bays contain the following below underground storage tanks (UST):

- 8,000 gallon gasoline UST
- Two 10,000 gallon diesel USTs
- 1,000 gallon oil water separator

Associated tank inspections are current and do not report any leakage.

Lastly, three transformers and one emergency generator are present on the southwest side and corner of the administrative building. Two small transformers are located at the southwest corner of the administrative building and the remaining, largest transformer which is owned by PG&E, is located at the
administrative building parking lot at the west side of the building main entrance. Subject transformer provides power to the administrative building.

3.3.4 Wells

There are no known wells located at the Subject Site.

3.3.5 Ponds

There are no ponds, lakes or other bodies of water located at the Subject Site.

3.3.6 Catch Basins

Several catchment systems exist on-site; these include an underground oil-water separator and a sump pit. Water from the oil-water separator is discharged to the City of Monterey sewer system.

3.3.7 Railroad Spur

No railroad spurs were located on the Subject Site.

3.3.8 Vegetation

Very little vegetation exists on-site. The undeveloped areas of the Subject Site are predominately paved with Asphallic Concrete (AC) or concrete sidewalks and pathways. The south side of the property, south and west of the parking lot outside of the main office is landscaped with trees and shrubs. A lawn is present on the east and south sides of the main office building. The existing vegetation appears to be on a drip irrigation system.

3.3.9 Soils and Geology

The native soils in the general vicinity of the site consist of the Santa Ynez fine sandy loam (United States Department of Agriculture Natural Resources Conservation Service). The Santa Ynez is described as clay to fine sandy loam. The soils are moderately well drained and have very low available water storage. The infiltration rate for the most restrictive soil stratum is very low to moderately low. This soil type is restricted to the upper 61 inches and further divided into three layers. From 0 to 18 inches the soil is described as fine sandy loam, from 18 to 43 inches the soil is described as clay, and from 43 to 61 inches the soil is described as sandy clay loam.

The surficial geology of the Subject Site is mapped as Coastal Terrace Deposits (Clark, Dupre’, and Rosenberg, 1997). These deposits are described as moderately well graded, semi-consolidated marine sand. Thin, discontinuous gravel rich layers are typically encountered within the sand deposits.
3.3.10 Hydrogeology

The Subject Site is more than a ¼ mile away from any bodies of water. The approximate elevation of the Subject Site is 136 feet above sea level.

3.3.11 Seismic

Based upon available geologic maps, the site is located approximately 1.6 miles northeast of Monterey Bay – Tularcitos Fault. Other major faults in the vicinity of the site are the Zayante – Vergeles Fault located approximately 19.8 miles to the northeast, the San Gregorio Fault located approximately 10.3 miles to the southwest, the San Andreas Fault located approximately 24.0 miles to the northeast, and the Rinconada Fault located approximately 7.2 miles to the northeast.

3.3.12 Flood Zone

Per the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Community-Panel Number 06053C0329G, Panel 329 of 2050, dated April 2, 2009, the Subject Site is located outside both the 100-year floodplain and the 500-year floodplain.

Please see Appendix B for additional information.

3.3.13 Sensitive Ecological Areas

No sensitive ecological areas (marshes, creeks, rivers, ponds, etc.) were observed at the Subject Site.

3.3.14 Ground Subsidence or Landslides

No physical evidence of ground subsidence or landslide at the Subject Site were observed.

3.3.15 Oil and Gas Wells

No physical evidence of oil or natural gas wells was observed at Subject Site.

3.3.16 Transformers

Four ground-level transformers were observed at Subject Site; three small transformers maintained by MTS and one large transformer maintained by PG&E.
3.3.17 Emergency Generator

One emergency generator, with a 470 gallon diesel fuel, secondarily contained, belly tank, was observed at Subject Site at the southwest corner of the Administration Building.

3.4 CURRENT USES OF THE ADJOINING PROPERTIES

The Subject Site bound by Ryan Ranch Road to the south Canyon Del Rey Boulevard to the west, and Del Rey Gardens Drive to the north. Del Rey Gardens Drive is situated at a higher elevation than the Subject Site while Canyon Del Rey Boulevard and Ryan Ranch Road are situated at lower elevations. The property immediately north of Del Rey Gardens Drive is at a higher elevation than the Subject Site. This site is occupied by the Monterey Peninsula Unified School District and serves as the maintenance yard for the school district. The parcel between (south of) Del Rey Gardens Drive and the Subject Site is undeveloped. The parcels east of the Subject Site are also undeveloped. The undeveloped parcels are covered with mature trees and native vegetation.

4.0 RECORDS REVIEW AND HISTORICAL USE OF SUBJECT SITE

The following records were reviewed regarding the Subject Site:

4.1 CITY TELEPHONE DIRECTORIES

Historical reverse phone directories from Cole Information Services and Haines Criss-Cross Directory were reviewed in three to ten-year intervals from 1959 to 2013. This historical record database provides occupancy information for the Subject Site as well as adjoining properties. Please note that the Subject Site was first listed in 1992. The historical and current occupants are listed below in Table 1 and Table 2:

<table>
<thead>
<tr>
<th>Year</th>
<th>Subject Site Occupants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>Monterey Transit/Monterey Salinas Transit/The Bus-Bus Info</td>
</tr>
<tr>
<td>1995</td>
<td>Monterey Salinas Transit</td>
</tr>
<tr>
<td>1999</td>
<td>MST Monterey Salinas Transit</td>
</tr>
<tr>
<td>2003</td>
<td>Monterey Salinas Transit Bus/MST Monterey Salinas Transit/Occupant</td>
</tr>
<tr>
<td></td>
<td>Unknown</td>
</tr>
<tr>
<td>2008</td>
<td>MST/The Bus</td>
</tr>
<tr>
<td>2013</td>
<td>Monterey Salinas Transit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Adjoining Site Address</th>
<th>Adjoining Site Occupants</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>540 Canyon Del Rey</td>
<td>Monterey Peninsula Unified School (District)</td>
</tr>
<tr>
<td>Year</td>
<td>Adjoining Site Address</td>
<td>Adjoining Site Occupants</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>1978</td>
<td>540 Canyon Del Rey Boulevard</td>
<td>Monterey Peninsula Unified School (District Maintenance Shop)</td>
</tr>
<tr>
<td>1982</td>
<td>540 Canyon Del Rey Boulevard</td>
<td>Monterey Peninsula Unified School (District Maintenance Shop)</td>
</tr>
<tr>
<td>1992</td>
<td>23 Ryan Ranch Road 27 Ryan Ranch Road</td>
<td>Monterey Park Maintenance/Monterey County Park Maintenance Monterey STS Maintenance/Monterey City Sewer</td>
</tr>
<tr>
<td>1995</td>
<td>20 Ryan Ranch Road 23 Ryan Ranch Road 27 Ryan Ranch Road</td>
<td>CTB Mac Millan McGraw Hill Monterey Parks &amp; Forestry Monterey Street Maintenance</td>
</tr>
<tr>
<td>2003</td>
<td>10 Ryan Ranch Road 20 Ryan Ranch Road 25 Ryan Ranch Road 27 Ryan Ranch Road</td>
<td>Monterey City Disposal Service Inc./Occupant Unknown Gary Bundura Monterey City of Public Works Occupant Unknown</td>
</tr>
<tr>
<td>2013</td>
<td>10 Ryan Ranch Road 20 Ryan Ranch Road 23 Ryan Ranch Road 25 Ryan Ranch Road 27 Ryan Ranch Road</td>
<td>Monterey Salinas Transit Monterey City Disposal Service Inc. City of Monterey City of Monterey City of Monterey</td>
</tr>
</tbody>
</table>

Based on the city directories search, public records search, and conversations with Mr. Carl Wulf, Facilities/Capital Projects Manager for MST, the Subject Site was undeveloped prior to being purchased by Monterey-Salinas Transit in 1976.

Please see Appendix F for additional information.

4.2 SANBORN MAPS

The Subject Site was listed as an Unmapped Property. EDR searched the complete holdings of the Sanborn Library, LLC collection and fire insurance maps were not found.

Please see Appendix D for additional information.
4.3 AERIAL PHOTOGRAPHS

To determine current and past environmental compliance of the property, as well as surrounding properties, PCEI contracted with Environmental Data Resources, Inc. (EDR). A review of historical aerial photographs provided by EDR was performed. The photos that were reviewed are noted in Table 3, below.

Table 3 – Aerial Photo Historic Use of Subject Site and Adjoining Sites

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Source</th>
<th>On-Site Land Use Observations</th>
<th>Off-site Land Use Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1956</td>
<td>1’ = 500’</td>
<td>USGS</td>
<td>The Subject Site is undeveloped and appears vegetated with native grasses and mature trees.</td>
<td>Adjacent properties are also undeveloped and vegetated with native trees and grasses. Properties to the north appear graded for construction. Canyon Del Rey Boulevard is visible to the west.</td>
</tr>
<tr>
<td>1968</td>
<td>1’ = 500’</td>
<td>USGS</td>
<td>The Subject Site appears to be of the same general configuration as the 1956 photo with the additional of several pathways/roadways.</td>
<td>Properties east and south of the Subject Site appear to be of the same general configuration as the 1956 photo. The property north of the Subject Site is developed and consists of three free-standing buildings. The site appears paved and vehicles are present on-site.</td>
</tr>
<tr>
<td>1971</td>
<td>1’ = 500’</td>
<td>USGS</td>
<td>The resolution of the photo is poor. The Subject Site appears to be of the same general configuration as the 1968 photo.</td>
<td>The resolution of this photo is poor. All adjacent properties appear to be of the same general configuration as the 1968 photo.</td>
</tr>
<tr>
<td>1981</td>
<td>1’ = 500’</td>
<td>USGS</td>
<td>The Subject Site is developed. It consists of two attached buildings situated on pavement. Three storage sheds/structures are present on the north end of the site.</td>
<td>Ryan Ranch Road and Del Rey Gardens Drive are present in the photo. A new paved parking lot appears northeast of the Subject Site. More properties north of the site are developed. The properties west of Canyon Del Rey Boulevard are developed.</td>
</tr>
<tr>
<td>1987</td>
<td>1’ = 500’</td>
<td>USGS</td>
<td>The resolution of this photo is extremely poor. The Subject Site appears to be of the same general configuration as the 1981 photo.</td>
<td>The resolution of this photo is extremely poor. The surrounding properties appear to be of the same general configuration as the 1981 photo.</td>
</tr>
<tr>
<td>1998</td>
<td>1’ = 500’</td>
<td>USGS/DOQQ</td>
<td>The Subject Site appears to more developed than the previous photo. The two attached buildings appear as one, larger detached building.</td>
<td>The properties to the east and the southeast are developed. These properties consist of two attached and four detached buildings, respectively, situated on pavement. The remaining adjacent properties appear to be of the same configuration as the 1998 photo.</td>
</tr>
<tr>
<td>2005</td>
<td>1’ = 500’</td>
<td>USDA/NAIP</td>
<td>The portable office building west of the parking lot is present in this photo. Otherwise, the Subject Site appears to be of the same general configuration as the 1998 photo.</td>
<td>More property east of the site was developed. The remaining adjacent properties appear to be of the same general configuration.</td>
</tr>
<tr>
<td>Year</td>
<td>Scale</td>
<td>Source</td>
<td>On-Site Land Use Observations</td>
<td>Off-site Land Use Observations</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td>---------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2009</td>
<td>1’ = 500’</td>
<td>USDA/NAIP</td>
<td>The Subject Site appears to be of the same general configuration as the 2005 photo.</td>
<td>All adjoining properties appear to be of the same configuration as the 2005 photo.</td>
</tr>
<tr>
<td>2010</td>
<td>1’ = 500’</td>
<td>USDA/NAIP</td>
<td>The Subject Site appears to be of the same configuration as the 2009 photo.</td>
<td>All adjoining properties appear to be of the same configuration as the 2009 photo.</td>
</tr>
<tr>
<td>2012</td>
<td>1’ = 500’</td>
<td>USDA/NAIP</td>
<td>The Subject Site appears to be of the same configuration as the 2012 photo.</td>
<td>All adjoining properties appear to be of the same configuration as the 2012 photo.</td>
</tr>
</tbody>
</table>

Please see Appendix C for additional information.

4.4 HISTORICAL TOPOGRAPHICAL MAPS

To determine current and past environmental compliance of the property, as well as surrounding properties, PCEI contracted with Environmental Data Resources, Inc. (EDR). A review of historical topographical maps provided by EDR was performed. The historical topographical maps that were reviewed are noted in Table 4, below.

Table 4 – Historical Topographical Maps Reviewed

<table>
<thead>
<tr>
<th>Date</th>
<th>Topographical Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>1913</td>
<td>Monterey</td>
</tr>
<tr>
<td>1947</td>
<td>Monterey</td>
</tr>
<tr>
<td>1950</td>
<td>Seaside</td>
</tr>
<tr>
<td>1968</td>
<td>Seaside</td>
</tr>
<tr>
<td>1974</td>
<td>Seaside</td>
</tr>
<tr>
<td>1983</td>
<td>Seaside</td>
</tr>
</tbody>
</table>

The subject historical topographical maps show the Subject Site as developed sometime between 1948 and 1954. However, based on the review of available Sanborn Maps, City Directories, and Historic Aerial Photos, it appears that the Subject Site was developed between 1974 and 1983. However, during our interview with Mr. Carl Wulf, Facilities/Capital Projects Manager for MST, the facility was first developed in 1976 and the administration building was constructed in 1985 or 1986 after the facility was damaged by a fire. In general, all subsequent topographic maps agree with the Historic Aerial Photos and the Environmental Lien search in this report.

Please see Appendix C for additional information.
4.5 GOVERNMENT ENVIRONMENTAL RECORDS REVIEW

To determine current and past environmental compliance of the Subject Site, as well as surrounding properties, PCEI contracted with EDR for an EDR Radius Map with GeoCheck® that included a review of lists prepared by the governmental agencies listed below.

Please refer to Appendix E for a copy of the subject EDR report and additional EDR provided information.

**Databases searched to 1.0 mile (17 total):**
- National Priority List of Superfund Sites (NPL)
- Proposed National Priority List Sites (Proposed NPL)
- Delisted National Priority List Deletions (Delisted NPL)
- RCRA Facilities Database of facilities undergoing corrective action (CORRACTS)
- Sites listed with the California Department of Toxic Substance Control (DTSC) which are confirmed hazardous substances releasers where DTSC is involved in the remediation, either in a lead or oversight capacity (RESPONSE)
- DTSC’s Site Mitigation and Brownfields Reuse Program’s EnviroStor database for sites that have known contamination or sites for which there may be reasons to investigate further (ENVIROSTOR)
- Historical sites listed with the California Department of Toxic Substance Control containing known and potential hazardous substances (HIST Cal-Sites)
- Sites suspected of containing hazardous substances where cleanup has not yet been completed (Toxic Pits)
- Department of Defense Sites (DOD)
- Formerly Used Defense Sites (FUDS)
- Superfund (CERCLA) Consent Decrees (CONSENT)
- Records of Decision (ROD)
- Sites under California Bond Expenditure Plan (CA Bond Exp. Plan)
- Sites Listed in Proposition 65 Records (Notify 65)
- Indian Reservations (INDIAN RESERVE)
- EnviroStor Permitted Facilities Listing (HWP)
- EDR Proprietary Manufactured Gas Plants (EDR MGP)

**Databases searched to 0.500 miles (26 total):**
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
- Federal CERCLIS List (FEDERAL FACILITY)
- Archived sites that have been removed and archived from the inventory of CERCLS sites (CERC-NFRAP)
- RCRA – Transporter, Storage and Disposal (RCRA-TSDF)
- Engineering Controls Sites List (US ENG CONTROLS)
- Sites with Institutional Controls (US INST CONTROL)
- Land Use Control Information System (LUCIS)
- Solid Waste Information System (SWF/LF)
- California State Water Resources Control Board Leaking Underground Storage Tank (LUST)
- California State Water Resources Control Board Spills, Leaks, Investigations and Cleanups (SLIC)
- Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)
- Voluntary Cleanup Program Properties (INDIAN VCP)
- Voluntary Cleanup Program Properties (VCP)
- A listing of Brownfields Sites (US BROWNFIELDS)
- Open Dump Inventory (ODI)
- Torres Martinez Reservation Illegal Dump Site Locations (DEBRIS REGION 9)
- California recycling facilities (SWRCY)
- Report on the Status of Open Dumps on Indian Lands (INDIAN ODI)
- Waste Management Unit Database (WMUDS/SWAT)
- Deed Restriction Listing (DEED)
- Uranium Mill Tailings Site (UMTRA)
- California Environmental Protection Agency/Office of Emergency Information database identifying public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration (Cortese)
- Historical CORTESE database (HIST CORTESE) – search radius only 0.5 miles
- State Coalition for Remediation of Drycleaners Listing (SCRD DRYCLEANERS)
- Certified Processors Database (PROC)
- Coal Combustion Residues Surface Impoundments List (COAL ASH EPA)

**Databases searched to 0.250 miles (21 total):**
- US EPA’s Resource Conservation and Recovery Act database for Large Quantity generators of hazardous waste (RCRA-LQG)
- EPA’s Resource Conservation and Recovery Act database for Conditionally Exempt Small Quantity generators of hazardous waste (RCRA-CESQG)
- Underground Storage Tank database (UST)
- Aboveground Petroleum Storage Tank Facilities (AST)
- Underground Storage Tanks on Indian Land (INDIAN UST)
- FEMA Underground Storage Tank Listing (FEMA UST)
- School Property Evaluation Program (SCH)
- California Facility Inventory Database (CA FID UST)
- Historical UST registered database (HIST UST)
- Statewide Environmental Evaluation and Planning System (SWEEPS UST)
- EPA’s Resource Conservation and Recovery Act database for non-generators (RCRA-NonGen/NLR)
- Mines Master Index File (US MINES)
- A listing of sites included in the County’s Certified Unified Program Agency database (CUPA listings)
- Cleaner facilities (DRYCLEANERS)
- Well Investigation Program Case List (WIP)
- Registered Hazardous Waste Transporter Database (HWT)
- Medical Waste Management Program Listing (MWMP)
- 2020 Corrective Action Program List (2020 COR ACTION)
- EDR Exclusive Historic Gas Stations (EDR US Hist Auto Sat)
- EDR Exclusive Historic Dry Cleaners (EDR US Hist Cleaners)

**Databases searched to within the limits of the Target Property (42 total):**
- Federal Superfund Liens (NPL LIENS)
- Emergency Response Notification System (ERNS)
- Registered Waste Tire Haulers Listing (HAULERS)
- Clandestine Drug Labs (US CDL)
- Clandestine Drug Labs (CDL)
- National Clandestine Laboratory Register (US HIST CDL)
- CERCLA Lien Information (LIENS 2)
- Environmental Liens Listing (LIENS)
- Hazardous Materials Information Reporting System (HMIRS)
- California Hazardous Materials Information Reporting System (CHMIRS)
- Land Disposal Sites Listing (LDS)
- Military Cleanup Sites Listing (MCS)
- Spill releases recorded after 1990 from FirstSearch databases (SPILLS 90)
- Incident and Accident Data (DOT OPS)
- Toxic Chemical Release Inventory System (TRIS)
- Toxic Substances Control Act (TSCA)
- FIFRA/TSCA Tracking System (FTTS)
- FIFRA/TSCA Tracking System Administrative Case Listing (HIST FTTS)
- Section 7 Tracking Systems (SSTS)
- Integrated Compliance Information System (ICIS)
- PCB Activity Database System (PADS)
- Material Licensing Tracking System (MLTS)
- Radiation Information Database (RADINFO)
- Facility Index System/Facility Registry System (FINDS)
- RCRA Administrative Action Tracking System (RAATS)
- Risk Management Plans (RMP)
- UCI Listing (UIC)
- NPDES Permits Listing (NPDES)
- Enforcement Action Listing (ENF)
- Facility and Manifest Data (HAZNET)
- Emissions Inventory Data (EMI)
- Waste Discharge System (WDS)
- Financial Assurance
- Lead Smelters Sites (LEAD SMELTERS)
- Aerometric Information Retrieval System Facility Subsystem (US AIRS)
- Financial Assurance Information (US FIN ASSUR)
- EPA Watch List (EPA WATCH LIST)
- PCB Transformer Registration Database (PCB TRANSFORMER)
- Potentially Responsible Parties (PRP)
Furthermore, a total of one site with poor or inadequate address information, known as “orphan sites”, was identified but not included in subject search. A follow-up review of this orphan site by PCEI identified the site as the Bradley Solid Waste Landfill located in the unincorporated community of Bradley within south Monterey County. This site is located outside of the project area of concern.

The following table with associated explanation, Table 5, summarizes the off-site facilities that were identified.

<table>
<thead>
<tr>
<th>Database Searched</th>
<th>Distance Searched (miles)</th>
<th>Number of Sites Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPL</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>CERCLIS</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>CORRACTS</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>RCRA-TSDF</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>RCRA-LQG</td>
<td>&lt; 1/8</td>
<td>1</td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>&lt; 1/8</td>
<td>2</td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>US ENG CONTROLS</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>US INST CONTROLS</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>ENVIROSTOR</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>LUST</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>LUST</td>
<td>1/4 – 1/2</td>
<td>5</td>
</tr>
<tr>
<td>UST</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>CA FID UST</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>CA FID UST</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>HIST UST</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>HIST UST</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>SWEEPS UST</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>SWEEPS UST</td>
<td>1/8 – 1/4</td>
<td>2</td>
</tr>
<tr>
<td>DOD</td>
<td>1/4 – 1/2</td>
<td>1</td>
</tr>
<tr>
<td>ROD</td>
<td>1/4 – 1/2</td>
<td>2</td>
</tr>
<tr>
<td>NPDES</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>HIST CORTESE</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>CUPA Listings</td>
<td>Subject Site</td>
<td>1</td>
</tr>
<tr>
<td>CUPA Listings</td>
<td>&lt; 1/8</td>
<td>6</td>
</tr>
<tr>
<td>CUPA Listings</td>
<td>1/8 – 1/4</td>
<td>4</td>
</tr>
<tr>
<td>HAZNET</td>
<td>Subject Site</td>
<td>3</td>
</tr>
<tr>
<td>WDS</td>
<td>Subject Site</td>
<td>1</td>
</tr>
</tbody>
</table>
The Subject Site, One Ryan Ranch Road, was listed on seven databases including CA FID UST, HIST UST, SWEEPS UST, NPDES, CUPA Listings, HAZNET, and WDS. The summary below provides greater detail regarding the database detections of the Subject Site as well as properties within a one mile radius.

4.5.1 **Federal National Priority List (NPL)**

This database, also known as the Superfund, is a subset of CERCLIS and identifies more than 1,200 sites for priority cleanup under the Superfund program. The U.S. EPA is the source of this database.

One site was identified approximately \( \frac{1}{4} \) to \( \frac{1}{2} \) mile from the subject Site. The NPL site is Fort Ord Army Base and is located at an equal/higher elevation than the subject Site.

4.5.2 **Federal CERCLIS List (CERCLIS)**

The Comprehensive Environmental Response, Compensation and Liability Information System provides information on potentially hazardous waste sites that have been reported to the US EPA by states, municipalities, private companies, and private persons. Sites on the CERCLIS list are either proposed to be listed or on the NPL.

One site, Fort Ord Former Army Base, was identified by this database. Fort Ord is approximately \( \frac{1}{4} \) to \( \frac{1}{2} \) miles away from the target property and is situated at a higher elevation.

4.5.3 **Federal RCRA CORRACTS Facilities List (CORRACTS)**

CORRACTS is a list of handlers with RCRA Corrective Action Activity. This database reports which nationally-defined corrective action core events have occurred for all handlers that have had corrective action activity.

EDR’s review of the CORRACTS list revealed that there is one site between \( \frac{1}{4} \) to \( \frac{1}{2} \) miles from and at a higher elevation than the subject Site. The listed site is Fort Ord Former Army Base.

4.5.4 **Federal RCRA non-CORRACTS TSD Facilities List**

This database is the EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous Waste Amendments (HSWA) of 1984. This database includes

<table>
<thead>
<tr>
<th>Database Searched</th>
<th>Distance Searched (miles)</th>
<th>Number of Sites Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDR US Hist Auto Stat</td>
<td>1/8 – 1/4</td>
<td>1</td>
</tr>
<tr>
<td>EDR US Hist Cleaners</td>
<td>1/8</td>
<td>1</td>
</tr>
</tbody>
</table>
selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste.

One RCRA-TSDF site is located within ¼ to ½ mile of the target property. The site is Fort Ord Former Army Base and is situated at a higher elevation than the target property.

4.5.5 RCRA – Large Quantity Generators (RCRA-LQG)

This database is the EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Large quantity generators (LQGs) generate over 1,000 kg (2,205 pounds) of hazardous waste, or over 1 kg (2.2 pounds) of acutely hazardous waste per month.

AT&T located at 161 Calle Del Oaks was identified by the RCRA-LQG database. This site is situated at a lower elevation than the target property and is less than 1/8 mile away.

4.5.6 RCRA – Small Quantity Generators (RCRA-SQG)

This database is the EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Small quantity generators (SQGs) generate between 100 kg (220 pounds) and 1,000 kg (2,205 pounds) of hazardous waste per month.

Two RCRA-SQG sites were identified within a ¼ mile radius of the Subject Site. The RCRA-SQG sites identified at an equal to or higher elevation are: CTB McGraw Hill located at 20 Ryan Ranch Road and the City of Monterey located at 27 Ryan Ranch Road.

One RCRA-SQG site was identified at a lower elevation. The identified site includes Jerry Graham Auto Body, Inc. located at 101 Calle Del Oaks.

4.5.7 Federal Institutional Controls/Engineering Controls (US ENG CONTROLS)

Provides a listing of sites with Engineering Controls in place.
EDR’s review of the US ENG CONTROLS list revealed one site within a ¼ to ½ mile radius of the Subject Site. Fort Ord Former Army Base was identified. The army base is situated at a higher elevation than the target property.

4.5.8 US INST CONTROLS

This database provides a listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Institutional controls also typically include deed restrictions.

EDR’s review of the US INST CONTROL list revealed one US INST CONTROL site within ¼ to ½ miles of the subject Site. The identified site is the Fort Ord Former Army Base which is situated at a higher elevation than the target property.

4.5.9 Sites with Known Contamination or Sites That Require Further Investigation (ENVIROSTOR)

The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

One ENVIROSTOR site was identified within a ½ to 1 mile radius of the Subject Site. The site is located at a higher elevation and was identified as Fort Ord-Del Rey Oaks Development in Del Rey Oaks. This site is considered active.

4.5.10 Geotracker’s Leaking Underground Fuel Tank Report (LUST)

This database contains an inventory of reported leaking underground storage tank incidents.

Six LUST sites were identified within a ½ mile radius of the Subject Site. The sites situated at a higher elevation, listed below in Table 6, include the following:
Table 6 – LUST Sites at an Equal/Higher Elevation

<table>
<thead>
<tr>
<th>Site</th>
<th>Location</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building 509 (POM ANNEX)</td>
<td>Building 509 Fort Ord Army Base</td>
<td>The Leak is being confirmed A diesel release occurred on 4/24/1995 and was discovered during a tank closure on 6/2/1995. An overfill spillage likely occurred. Water was also discovered in the tank removal excavation. It is assumed that the water was from a leaking water line in the building. A site assessment is to be conducted</td>
</tr>
<tr>
<td>PX Service Station (POM ANNEX)</td>
<td>Building 4220 North-South</td>
<td>Pollution Characterization A gasoline leak from a structure failure occurred on 12/7/1994. The release was discovered during a tank test. Reconciliation records are inconsistent.</td>
</tr>
<tr>
<td>Monterey County SPCA</td>
<td>Highway 68</td>
<td>Completed – Case Closed The case opened in June 1988 and was closed in September 1988 January 2006. A gasoline leak and discovery was reported.</td>
</tr>
<tr>
<td>Salinas River Wildlife Refuge</td>
<td>South Side of Salinas River</td>
<td>Completed – Case Closed The case opened in June 1997 in response to the discovery of a diesel leak. The case was closed in December 1998.</td>
</tr>
</tbody>
</table>

The remaining identified site is situated at a lower elevation than the Subject Site. The listed site is the Monterey Peninsula Unified School District located at 540 Can Del Rey. This status of the site is completed – case closed.

4.5.11 Active Underground Storage Tank Facilities (UST)

The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board’s Hazardous Substance Storage Container Database.

One UST was identified within an approximately ¼ mile radius of the Subject Site. The site was identified as the 7-Eleven located at 425 Canyon Del Rey Boulevard. The UST is situated at an equal/higher elevation than the Subject Site.

4.5.12 CA FID UST

This database provides a list of active and inactive underground storage tank locations. The database is updated by the State Regional Water Quality Control Board.
EDR identified the Target Property as well as one additional CA FID UST site. The additional listed site is Monterey Peninsula Unified School District located at 540 Canyon Del Rey Road. The listed site is approximately ¼ miles away from the Subject Site and is situated at the lower elevation.

4.5.13 Historical UST Registered Database (HIST UST)

A list of historical USTs is maintained by this database.

The Subject Site was identified as a HIST UST. Furthermore, EDR was identified one additional site within a ¼ mile radius of the Target Property. The listed is the Educational Service Center located at 540 Canyon Del Rey Boulevard. This site is situated at a lower elevation than the Subject Site.

4.5.14 Statewide Environmental Evaluation and Planning System (SWEEPS UST)

This database contains a listing of underground storage tanks. It was updated and maintained by a company contacted by the SWRCB in the early 1990’s. This database is no longer updated or maintained.

The Target Property was listed as a SWEEPS UST as well as two sites within a ¼ mile. Both sites are at a lower elevation than the Project Site. The listed sites were identified as the Monterey Peninsula Unified School District located at 540 Canyon Del Rey Road.

4.5.15 Department of Defense (DOD)

This database contains a list of federally owned or administered lands that are administered by the Department of Defense and have any area equal to or greater than 640 acres.

One location was identified within approximately ½ mile of the subject Site. The DOD site is Fort Ord Military Reservation. It is situated at a higher elevation than the subject Site.

4.5.16 Record of Decision (ROD)

ROD documents mandate a permanent remedy at a Superfund (NPL) site. These documents contain technical and health information pertinent to aid the cleanup.

EDR identified one ROD site within a ½ mile radius of the subject Site. The listed ROD site is Fort Ord Former Army Base. The site is situated at a higher elevation than the Subject Site.

4.5.17 National Pollutant Discharge Elimination System (NPDES)

This database provides a listing of NPDES permits, including storm water.
The Subject Site was identified as a NPDES site.

4.5.18 Hazardous Waste and Substance Site List (HIST CORTESE)

The listings for this database were compiled by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances (CALSITES). This listing is no longer updated by the state agency.

One HIST CORTESE site was identified within a four mile radius. The site, situated at a lower elevation is Monterey Peninsula Unified School District located at 540 Canyon Del Rey.

4.5.19 Certified Unified Program Agency Database (CUPA Listings)

This database contains an inventory of sites within the County that fall under CUPA listings. California’s Secretary for Environmental Protection established the Unified Hazardous Materials and Hazardous Waste regulatory program (Unified Program) as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

The Subject Site was identified as a CUPA site. An additional ten CUPA Listings sites were identified within approximately ¼ mile of the Subject Site. Sites at elevations equal to or higher than the Subject Site are listed below in Table 7:

<table>
<thead>
<tr>
<th>Site</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-Mobile</td>
<td>23 Ryan Ranch Road</td>
</tr>
<tr>
<td>City of Monterey</td>
<td>23-27 Ryan Ranch Road</td>
</tr>
<tr>
<td>Ryan Ranch</td>
<td>25 Ryan Ranch Road</td>
</tr>
<tr>
<td>7-Eleven</td>
<td>425 Canyon Del Rey Boulevard</td>
</tr>
</tbody>
</table>

The identified sites situated at elevations lower than the Subject Site are listed below in Table 8:

<table>
<thead>
<tr>
<th>Site</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uldra’s Enterprise</td>
<td>181 Calle Del</td>
</tr>
<tr>
<td>AT&amp;T California</td>
<td>161 Calle Del Oaks, Suite B</td>
</tr>
<tr>
<td>David Loop European</td>
<td>160 Calle Del Oaks</td>
</tr>
<tr>
<td>Great Antiques Inc. (Closed)</td>
<td>140 Calle Del Oaks</td>
</tr>
<tr>
<td>Monterey Peninsula Unified</td>
<td>540 Canyon Del Rey Suite, #3</td>
</tr>
<tr>
<td>Jerry Graham’s Auto Body Inc.</td>
<td>101 Calle Del Oaks</td>
</tr>
</tbody>
</table>
4.5.20 Facility and Manifest Data (HAZNET)

The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control.

The Subject Site is identified as a HAZNET site. It is listed three times in the directory.

4.5.21 Waste Discharge System (WDS)

This database provides a list of sites that have been issued waste discharge requirements from the Regional Water Quality Control Board.

The Subject Site is identified as a WDS site.

4.5.22 EDR Exclusive Historic Gas Stations (EDR US Hist Auto Stat)

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

One EDR US Hist Auto Stat site was identified within approximately ¼ miles of the Subject Site. The listed site, identified as Jerry Graham’s Auto Body, is situated at a lower elevation and is located at 101 Calle Del Oaks.

4.5.23 EDR Exclusive Historic Dry Cleaners Sites (EDR US Hist Cleaners)

This database, compiled by EDR researchers, lists potential dry cleaner sites. Reviewed categories included dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc. This database falls within a category of information EDR classifies as “High Risk Historical Records” (HRHR).
One historical dry cleaning site was identified within a 1/8 mile radius of the Target Property. The listed site is situated at a lower elevation and was identified as Classic Cleaners located at 445 Canyon Del Rey Boulevard.

4.6 ENVIRONMENTAL LIEN SEARCH

To determine activities and use limitations of the Subject Site, PCEI contracted with EDR for an EDR Environmental Lien search that included legal documents, parcel information, ownership, environmental encumbrances, and deeds associated with the Subject Site.

EDR’s search produced a copy of the Monterey Peninsula Transit’s Corporation Grant Deed. The deed was dated July 2, 1976, and recorded July 14, 1976. The title was received from Utah International Inc. (formerly known as Utah Construction & Mining Company). The Deed Exhibit was included within the search as a separate appendix. No environmental liens were indicated for the site.

Please see Appendix G for additional information.

4.7 GEOTRACKER SEARCH

Additional cleanup sites were searched using the State Water Resources Control Board’s GeoTracker website. This database provides a listing as well as links to environmentally regulated sites in California.

Two sites within a 1,500 foot radius of the subject Site were identified by GeoTracker. Both sites were identified by EDR’s record search. The sites included the 7-Eleven located at 425 Canyon Del Rey Boulevard (Permitted UST) and the Monterey Peninsula Unified School District located at 540 Canyon Del Rey Boulevard (LUST Cleanup site). The LUST Cleanup site was closed as of November 16, 2007.

5.0 SITE RECONNAISSANCE

On February 11, 2015, PCEI’s Jim Walker and Cara Al-Lami conducted a reconnaissance of the Subject Site. Reconnaissance consisted of both visual observations of easily accessible Subject Site locations and adjacent properties viewed from the street. Site reconnaissance photographs are provided in Appendix H.

5.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted by walking across the Subject Site and by driving along nearby roads. Please refer to Figure No. 2 within Appendix A for a Site Map illustrating the designated areas of the facility.
5.2 EXTERIOR OBSERVATIONS

In addition to the site observations discussed above in Section 3.2, the following site exterior observations were made:

5.2.1 Pesticide Use

No evidence of recent pesticide use or storage was observed at the Subject Site.

5.2.2 Lead-Based Paint and Asbestos Containing Materials

Lead-based paint and asbestos containing materials observation was not included in PCEI’s Scope of Work.

5.2.3 Septic Systems

No onsite septic system or cesspools were observed.

5.2.4 Rooftop Equipment

Evidence of rooftop contamination by rooftop equipment was not observed.

5.2.5 Fuel Island Drain

The Fuel Island drain discharges to the Bus Wash water collection system.

5.3 INTERIOR OBSERVATIONS

The interior of the Administration Building was observed to be a well maintained typical office building, which included a janitors closet.

The Repairs Bay Building was observed to be a well maintained repair shop. There was no observed evidence of any oil/fuel spills within the building.

6.0 INTERVIEWS

The main focus of interviewing persons with pertinent knowledge of the site was to supplement and verify PCEIs understanding of the site history and current use of the property and adjacent properties. This information assisted in our determination of potential sources of contamination and use or discharge of hazardous materials. Following is a list of people interviewed by PCEI in preparation of this Phase I ESA:

6.1 Mr. Carl Wulf, MST Facilities/Capital Projects Manager
   Telephone Number: (831) 754-2640
Mr. Wulf was our site guide and has been with MST since 2006. Mr. Wulf provided recent history and site operational information.

6.2  Mr. Paul Lopez, MST Facility Technician 3

Mr. Lopez has been working at the Subject Site for roughly 15 years and provided historical information. Based upon what he remembers, there have been no reported hazardous material leaks / spills at the Subject Site.

6.3  Mr. Cory Welch, M.S., R.E.H.S., County of Monterey – Department of Health – Division of Environmental Health

Mr. Welch was phone interviewed on March 4, 2015. To his knowledge, there are no “open” hazardous material environmental issues with the subject site.

7.0  COUNTY OF MONTEREY FILE REVIEW

Files reviewed from Monterey County Environmental Health Bureau indicated four on-site spills from 1987 to 2002. Table 9, below lists the documented spills at the Subject Site:

Table 9 – Documented Spills at the Subject Site

<table>
<thead>
<tr>
<th>Date</th>
<th>Source</th>
<th>Volume Spilled</th>
<th>Cleanup History</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 22, 1987</td>
<td>Potential leak in ventilation pipe from 12,000 gallon diesel tank.</td>
<td>Unknown</td>
<td>Unknown. The potential leak was discovered by independent contractor, Liquid Construction during a UST test. Liquid Construction provided recommendations for cleanup, but no cleanup documentation was found within the files.</td>
</tr>
<tr>
<td>April 28, 1989</td>
<td>Leak in underground supply line.</td>
<td>~200 Quarts Engine Oil</td>
<td>Unknown. The supply line was immediately removed and the City of Monterey Fire Department recommended rendering the services of an environmental consultant. Mr. Robert Neilson of Terratech visited the facility, but no spill cleanup documentation was found within the files.</td>
</tr>
</tbody>
</table>
### Date | Source | Volume Spilled | Cleanup History
---|---|---|---
March 17, 1990 | The fuel cap was not completely closed on one of the coaches (buses) after refueling on a Friday night. The air suspension of the coach deflated overnight, causing the coach to lean and spill fuel. Fuel ran downhill through the parking area and into the storm drain. | ~40 Gallons Diesel Fuel | Absorbant material was placed on the spill within the parking area as well as at the location the spilled diesel entered the storm drain. Captain Goodwin of the Monterey Fire Department estimated the amount of diesel fuel entering the storm drain to be 10 to 15 gallons. No cleanup documentation was found within the files.

June 13, 2002 | 55 gallon hydraulic oil drum was accidentally punctured with a forklift while moving a bus tire. | Unknown | Cleanup completed between 1pm and 3pm. Some contents entered the storm drain catch basin, but did not enter the storm drain line.

Furthermore, three noteworthy documents were discovered within the County files. An Environmental Contamination Report was completed by Steven Raas and Associates on July 22, 1997. A contractor discovered impacted soils during routine trenching activities for the parking lot improvement and upgrade of existing USTs, utilities, and drains project at the subject site. Impacted soils were discovered in two locations: near the bus steam cleaner in the lowest area of the parking lot and at the northern edge of the parking lot near the entrance to the automated bus washer. Analyzed contaminated soils indicated significant concentrations of hydrocarbons. Impacted soils were excavated and stockpiled on-site. The limits of the two trench excavations were analyzed for contaminants. Results of the laboratory analyses indicated non-detect concentrations of hydrocarbons. At the time the report was published, the on-site contained spoils were awaiting characterization for proper transport and disposal.

A Site Investigation Report for the Former Fueling Area was completed by Ramage Environmental on August 19, 1997. The investigation aimed to evaluate the distribution and concentration of petroleum hydrocarbons, volatile organic compounds (VOCs), and metals beneath the subject site. The investigation included shallow surface and subsurface sampling by means of a Geoprobe® from nine locations. Field data indicated elevated concentrations of oil and gas, Total Petroleum Hydrocarbons (TPH) as diesel, TPH as motor oil, TPH as gasoline, and benzene. It was determined that the vertical impacts were less than 10 feet below ground surface. The investigation recommended excavating the impacted soils and under the discretion of the Monterey County Environmental Health Department, collect soil samples from the sidewall of the excavation to confirm the complete removal of the impacted
soils. Lastly, the investigation recommended to characterize the excavated for proper disposal and transport. The County files did not contain documentation of the removal of these impacted soils.

A letter from MST to the Monterey County Health Department was written on June 22, 2000, requesting documentation to complete an application for the State of California Petroleum UST Cleanup Fund. The County files did not contain any follow-up letters, requests, or documentation.

8.0 CITY OF MONTEREY FILE REVIEW

Files reviewed from the City of Monterey Planning Department did not yield documents that were of environmental concern to the Subject Site.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Pacific Crest Engineering Inc. performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-13 for the property located at One Rayn Ranch Road, Monterey, California (APN 259-011-067-000).

The study included a review of local, state and federal environmental record sources, existing documentation, standard historical sources, aerial photographs, fire insurance maps and physical setting sources; and a reconnaissance of the Property to review current conditions and to check for the storage, use, production or disposal of hazardous or potentially hazardous materials.

The site reconnaissance did not find physical evidence of soil impairments associated with the use of the Subject Site. However, a review of County of Monterey files identified a total of six documented petroleum product type spills at Subject Site and only two associated documented closures. All subject spills occurred prior to 2003.

In addition, our review of regulatory records identified a total of two open (active) leaking underground storage tank (LUST) sites located within ½ mile to the project site.

Based on the findings of this assessment, it is recommended that additional records review work be conducted to hopefully locate closure documentation associated with the Subject Site past petroleum product spills. If subject documentation cannot be located, it is further suggested that a Phase II ESA be completed in the spill areas for which no associated closure documentation can be located.

Both lead paint and asbestos-containing material (ACM), which was excluded from PCEI’s scope of work, may or may not be a site concern.
10.0 PREPARER SIGNATURE AND QUALIFICATIONS

The project site reconnaissance activities and preparation of this Phase I ESA was competed by PCEI’s James Walker. Mr. Walker has over 27 years’ experience in the environmental field, including over 13 years as a State of California Registered Civil Engineer.

Mr. Walker declares, to the best of his professional knowledge and belief, that he meets the definition of Environmental Professional as defined in Section 312.10(b) of Title 40 Code of Federal Regulations.

James F. Walker, PE  
Pacific Crest Engineering Inc.  
Vice President / Principal Chemical Engineer  
C 62120, Expires 9/30/2015

11.0 REFERENCES

The following references were used by PCEI in completing this subject Phase I ESA:


2. Environmental Data Resources, Inc. (EDR) information:
   
   A. The EDR Aerial Photo Decade Package, Inquiry Number: 4200906.12, dated February 06, 2015.
   
   
   
   D. EDR Property Tax Map Report, Inquiry Number: 4200906.6, dated February 05, 2015.
   
   E. The EDR Radius Map™ and Report with GeoCheck®, Inquiry Number: 4200906.2s, dated February 05, 2015.


4. City of Monterey file review.

5. County of Monterey, Department of Health, Division of Environmental Health file review.


8. Telephone conversation with Mr. Cory Welch, M.S., R.E.H.S., County of Monterey – Department of Health – Division of Environmental Health, March 4, 2015.
APPENDIX A

Figure 1 – Regional Site Map
Figure 2 – Site Use Map
Figure 3 – Site Use Map Legend
Figure 4 – Assessor’s Map
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>COOLANT ABOVE GROUND STORAGE TANK</td>
<td>250 gallons</td>
</tr>
<tr>
<td>D1</td>
<td>DIESEL BELOW GROUND STORAGE TANK</td>
<td>10,000 gallons</td>
</tr>
<tr>
<td>D2</td>
<td>DIESEL BELOW GROUND STORAGE TANK</td>
<td>10,000 gallons</td>
</tr>
<tr>
<td>F1</td>
<td>FACILITIES STORAGE WOOD SHED</td>
<td></td>
</tr>
<tr>
<td>F2</td>
<td>FACILITIES METEL STORAGE SHED</td>
<td></td>
</tr>
<tr>
<td>FLMB</td>
<td>FLAMABLE STORAGE CONTAINERS</td>
<td></td>
</tr>
<tr>
<td>Gr1</td>
<td>GEAR OIL ABOVE GROUND STORAGE TANK</td>
<td>250 gallons</td>
</tr>
<tr>
<td>G1</td>
<td>GASOLINE BELOW GROUND STORAGE TANK</td>
<td>8,000</td>
</tr>
<tr>
<td>GEN1</td>
<td>STAND BY GENARATOR /DIESEL TANK</td>
<td>472 gallons</td>
</tr>
<tr>
<td>H1</td>
<td>Hoist oil tank</td>
<td>80 gallons</td>
</tr>
<tr>
<td>N-O</td>
<td>Above Ground New oil</td>
<td>500</td>
</tr>
<tr>
<td>O/W</td>
<td>OIL WATER SEPARATOR BELOW GROUND TANK</td>
<td>1,000 gallons</td>
</tr>
<tr>
<td>O-0</td>
<td>Above Ground used Oil Tank</td>
<td>500</td>
</tr>
<tr>
<td>R1</td>
<td>REVERSE OSMOSIS WATER STORAGE TANK</td>
<td>500 gallons</td>
</tr>
<tr>
<td>STORM1</td>
<td>STORM DRAIN FLOW TO BAY</td>
<td></td>
</tr>
<tr>
<td>STORM2</td>
<td>STORM DRAIN FLOW TO BAY</td>
<td></td>
</tr>
<tr>
<td>STORM3</td>
<td>STORM DRAIN FLOW TO BAY</td>
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<td>STORM6</td>
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<td>STORM7</td>
<td>STORM DRAIN FLOW TO BAY</td>
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<tr>
<td>STORM8</td>
<td>STORM DRAIN FLOW TO BAY</td>
<td></td>
</tr>
<tr>
<td>SV</td>
<td>Part cleaner safety kleen drum</td>
<td>35 gallon drum</td>
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<tr>
<td>T1</td>
<td>TRANSMISSION FLUID ABOVE GROUND STORAGE TANK</td>
<td>250 gallons</td>
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<tr>
<td>W1</td>
<td>BUSWASH RE-CLAIMED WATER</td>
<td>1,000 gallons</td>
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<tr>
<td>wc</td>
<td>Waste Coolant</td>
<td></td>
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<tr>
<td>HZM</td>
<td>Hazmat Storage area</td>
<td></td>
</tr>
<tr>
<td>OPS</td>
<td>Ops storage shed</td>
<td></td>
</tr>
<tr>
<td>COM</td>
<td>Compressors 1 &amp; 2</td>
<td></td>
</tr>
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</table>
Assessor’s Map

MST - Ryan Ranch
Monterey, California

Figure No. 4
Project No. 1507
Date: 3/6/15
APPENDIX B

Flood Zone Information
LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION
BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A
No Base Flood Elevations determined.

ZONE AE
Base Flood Elevations determined.

ZONE AH
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR
Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99
Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE
Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

ZONE X
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER FLOOD AREAS

ZONE X
Areas determined to be outside the 0.2% annual chance floodplain.

OTHER AREAS

ZONE D
Areas in which flood hazards are undetermined, but possible.

ZONE D
Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPA)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

ZONE D
Areas in which flood hazards are undetermined, but possible.

CBRS boundary

OPA boundary

Boundary dividing Special Flood Hazard Area Zones and
Boundary Orthogonal Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevations line and elevation in feet

Base Flood Elevation Value where uniform within zone; elevation in feet

* Referenced to the North American Vertical Datum of 1988

Coast section line

Train track line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone

600000 FT

3600-foot grid ticks, California State Plane coordinate system, zone IV (01S03E PMA), Lambert Conformal Conic projection

Bench mark (see explanation in Notes to Users section of this FIRM panel)

M 1.5

River Mile

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
April 2, 2009

EFFECTIVE DATE(S) OR REVISION(S) TO THIS PANEL

For community flood revision history prior to countywide mapping, refer to the Community Flood Insurance Rate Rate (FIRM) panels for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6626.

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.fema.gov.
APPENDIX C

Aerial Photographs & Historical Topographic Maps
EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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**Date EDR Searched Historical Sources:**
Aerial Photography
February 06, 2015

**Target Property:**
1 Ryan Ranch Road
Monterey, CA 93940

<table>
<thead>
<tr>
<th>Year</th>
<th>Scale</th>
<th>Details</th>
<th>Source</th>
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<tbody>
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<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1956</td>
<td>USGS</td>
</tr>
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<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1968</td>
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<td>1971</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>Flight Year: 1971</td>
<td>USGS</td>
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<td>1981</td>
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<tr>
<td>1998</td>
<td>Aerial Photograph. Scale: 1”=500'</td>
<td>DOQQ - acquisition dates: 1998</td>
<td>USGS/DOQQ</td>
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<tr>
<td>2005</td>
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<td>Flight Year: 2005</td>
<td>USDA/NAIP</td>
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<tr>
<td>2012</td>
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<td>USDA/NAIP</td>
</tr>
</tbody>
</table>
MST Ryan Ranch Bus Maintenance Facility
1 Ryan Ranch Road
Monterey, CA 93940

Inquiry Number: 4200906.4
February 05, 2015
Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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APPENDIX D

Sanborn Maps
The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Pacific Crest Engineering were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: MST Ryan Ranch Bus Maintenance Facility
Address: 1 Ryan Ranch Road
City, State, Zip: Monterey, CA 93940
Cross Street: NA
P.O. # Project: MST Ryan Ranch Bus Maint. Fac.
Certification # CD36-46E0-BEA3

UNMAPPED PROPERTY
This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Limited Permission To Make Copies
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APPENDIX E

EDR Radius Map Report
MST Ryan Ranch Bus Maintenance Facility
1 Ryan Ranch Road
Monterey, CA 93940

Inquiry Number: 4200906.2s
February 05, 2015

The EDR Radius Map™ Report with GeoCheck®
A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

**TARGET PROPERTY INFORMATION**

**ADDRESS**

1 RYAN RANCH ROAD  
MONTEREY County, CA 93940

**COORDINATES**

- Latitude (North): 36.5840000 - 36˚ 35’ 2.40”
- Longitude (West): 121.8291000 - 121˚ 49’ 44.76”
- Universal Tranverse Mercator: Zone 10
- UTM X (Meters): 604751.6  
- UTM Y (Meters): 4049161.8  
- Elevation: 136 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map: 36121-E7 SEASIDE, CA  
Most Recent Revision: 1983

**AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20120520  
Source: USDA

**TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONTEREY SALINAS TRANSIT</td>
<td>HAZNET</td>
<td>N/A</td>
</tr>
<tr>
<td>ONE RYAN RANCH RD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MONTEREY, CA 93940</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MONTEREYSALINAS TRANSIT</td>
<td>NPDES</td>
<td>N/A</td>
</tr>
<tr>
<td>1 RYAN RANCH RD</td>
<td>HIST UST</td>
<td></td>
</tr>
<tr>
<td>MONTEREY, CA 93940</td>
<td>CUPA Listings</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WDS</td>
<td></td>
</tr>
<tr>
<td>MONTEREY SALINAS TRANSIT</td>
<td>CA FID UST</td>
<td>N/A</td>
</tr>
<tr>
<td>1 RYAN RANCH ROAD</td>
<td>SWEEPS UST</td>
<td></td>
</tr>
<tr>
<td>MONTEREY, CA 93940</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CITY OF MONTEREY PUBLIC WORKS</td>
<td>HAZNET</td>
<td>N/A</td>
</tr>
<tr>
<td>1 RYAN RANCH RD</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR’s search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

**Federal NPL site list**
- Proposed NPL: Proposed National Priority List Sites
- NPL LIENS: Federal Superfund Liens

**Federal Delisted NPL site list**
- Delisted NPL: National Priority List Deletions

**Federal CERCLIS list**
- FEDERAL FACILITY: Federal Facility Site Information listing

**Federal CERCLIS NFRAP site List**
- CERC-NFRAP: CERCLIS No Further Remedial Action Planned

**Federal RCRA generators list**
- RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generator

**Federal institutional controls / engineering controls registries**
- LUCIS: Land Use Control Information System

**Federal ERNS list**
- ERNS: Emergency Response Notification System

**State- and tribal - equivalent NPL**
- RESPONSE: State Response Sites

**State and tribal landfill and/or solid waste disposal site lists**
- SWF/LF: Solid Waste Information System

**State and tribal leaking storage tank lists**
- SLIC: Statewide SLIC Cases
EXECUTIVE SUMMARY

INDIAN LUST  Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists
AST.  Aboveground Petroleum Storage Tank Facilities
INDIAN UST.  Underground Storage Tanks on Indian Land
FEMA UST.  Underground Storage Tank Listing

State and tribal voluntary cleanup sites
INDIAN VCP.  Voluntary Cleanup Priority Listing
VCP.  Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELD.  A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites
ODL.  Open Dump Inventory
DEBRIS REGION 9.  Torres Martinez Reservation Illegal Dump Site Locations
SWRCY.  Recycler Database
HAULERS.  Registered Waste Tire Haulers Listing
INDIAN ODI.  Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT.  Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites
US CDL.  Clandestine Drug Labs
HIST Cal-Sites.  Historical Calsites Database
SCH.  School Property Evaluation Program
Toxic Pits.  Toxic Pits Cleanup Act Sites
CDL.  Clandestine Drug Labs
US HIST CDL.  National Clandestine Laboratory Register

Local Land Records
LIENS 2.  CERCLA Lien Information
LIENS.  Environmental Liens Listing
DEED.  Deed Restriction Listing

Records of Emergency Release Reports
HMIRS.  Hazardous Materials Information Reporting System
CHMIRS.  California Hazardous Material Incident Report System
LDS.  Land Disposal Sites Listing
MCS.  Military Cleanup Sites Listing
SPIFFS 90.  SPIFFS 90 data from FirstSearch

Other Ascertainable Records
RCRA NonGen / NLR.  RCRA - Non Generators / No Longer Regulated
EXECUTIVE SUMMARY

DOT OPS………………… Incident and Accident Data
FUDS………………… Formerly Used Defense Sites
CONSENT…………… Superfund (CERCLA) Consent Decrees
UMTRA………………… Uranium Mill Tailings Sites
US MINES…………… Mines Master Index File
TRIS………………… Toxic Chemical Release Inventory System
TSCA………………… Toxic Substances Control Act
FTTS………………… FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS…………… FIFRA/TSCA Tracking System Administrative Case Listing
SSTS………………… Section 7 Tracking Systems
ICIS………………… Integrated Compliance Information System
PADS………………… PCB Activity Database System
MLTS………………… Material Licensing Tracking System
RADINFO…………… Radiation Information Database
FINDS………………… Facility Index System/Facility Registry System
RAATS………………… RCRA Administrative Action Tracking System
RMP………………… Risk Management Plans
CA BOND EXP. PLAN……………… Bond Expenditure Plan
UIC………………… UIC Listing
Cortese……………… "Cortese" Hazardous Waste & Substances Sites List
Notify 65…………… Proposition 65 Records
DRCLEANERS…………… Cleaner Facilities
WIP…………… Well Investigation Program Case List
ENF………………… Enforcement Action Listing
EMI………………… Emissions Inventory Data
INDIAN RESERV…………… Indian Reservations
SCRD DRYCLEANERS…………… State Coalition for Remediation of Drycleaners Listing
HWT………………… Registered Hazardous Waste Transporter Database
HWP………………… EnviroStor Permitted Facilities Listing
PROC………………… Certified Processors Database
Financial Assurance…………… Financial Assurance Information Listing
MWMP……………… Medical Waste Management Program Listing
LEAD SMELTERS…………… Lead Smelter Sites
US AIRS……………… Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR…………… Financial Assurance Information
EPA WATCH LIST…………… EPA WATCH LIST
COAL ASH EPA…………… Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER…………… PCB Transformer Registration Database
2020 COR ACTION…………… 2020 Corrective Action Program List
PRP………………… Potentially Responsible Parties
COAL ASH DOE…………… Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records
EDR MGP………………… EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives
RGA LUST…………… Recovered Government Archive Leaking Underground Storage Tank
SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

**Federal NPL site list**

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 09/29/2014 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FORT ORD</strong></td>
<td>FORMER ARMY BASE FORT ONE 1/4 - 1/2 (0.266 mi.)</td>
<td>0</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**Federal CERCLIS list**

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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</thead>
<tbody>
<tr>
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<td>0</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>
Federal RCRA CORRACTS facilities list
CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
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<th>Map ID</th>
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<td>0</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

Federal RCRA non-CORRACTS TSD facilities list
RCRA-TSDF: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORT ORD</td>
<td>FORMER ARMY BASE FORT ONE 1/4 - 1/2 (0.266 mi.)</td>
<td>0</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

Federal RCRA generators list
RCRA-LQG: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT&amp;T CALIFORNIA - NE692</td>
<td>161 CALLE DEL OAKS</td>
<td>WNW 0 - 1/8 (0.122 mi.)</td>
<td>C13</td>
<td>111</td>
</tr>
</tbody>
</table>

RCRA-SQG: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 3
EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTB MCGRAW HILL</td>
<td>20 RYAN RANCH RD</td>
<td>E 0 - 1/8 (0.047 mi.)</td>
<td>B6</td>
<td>107</td>
</tr>
<tr>
<td>MONTEREY CITY OF</td>
<td>27 RYAN RANCH RD</td>
<td>E 0 - 1/8 (0.067 mi.)</td>
<td>B11</td>
<td>110</td>
</tr>
</tbody>
</table>

Lower Elevation

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JERRY GRAHAM AUTO BODY, INC</td>
<td>101 CALLE DEL OAKS</td>
<td>NW 1/8 - 1/4 (0.178 mi.)</td>
<td>F20</td>
<td>117</td>
</tr>
</tbody>
</table>

**Federal institutional controls / engineering controls registries**

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 09/18/2014 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORT ORD</td>
<td>FORMER ARMY BASE FORT ONE</td>
<td>1/4 - 1/2 (0.266 mi.)</td>
<td>0</td>
<td>16</td>
</tr>
</tbody>
</table>

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 09/18/2014 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
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<tbody>
<tr>
<td>FORT ORD</td>
<td>FORMER ARMY BASE FORT ONE</td>
<td>1/4 - 1/2 (0.266 mi.)</td>
<td>0</td>
<td>16</td>
</tr>
</tbody>
</table>

**State- and tribal - equivalent CERCLIS**

ENVIROSTOR: The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/03/2014 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORT ORD-DEL REY OAKS DEVELPM</td>
<td>DEL REY OAKS</td>
<td>NE 1/2 - 1 (0.634 mi.)</td>
<td>32</td>
<td>134</td>
</tr>
</tbody>
</table>

Status: Active
State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/12/2014 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUILDING 509 (POM ANNEX)</td>
<td>BLDG 509 FORT ORD</td>
<td>SSW 1/4 - 1/2 (0.398 mi.)</td>
<td>H27</td>
<td>127</td>
</tr>
<tr>
<td>PX SERVICE STATION (POM ANNEX)</td>
<td>BLDG 4220 NORTH-SOUTH R</td>
<td>SSW 1/4 - 1/2 (0.398 mi.)</td>
<td>H28</td>
<td>129</td>
</tr>
<tr>
<td>MONTEREY COUNTY SPCA</td>
<td>PO BOX 3058</td>
<td>SSW 1/4 - 1/2 (0.400 mi.)</td>
<td>H29</td>
<td>130</td>
</tr>
<tr>
<td>SALINAS RIVER WILDLIFE REFUGE</td>
<td>SOUTH SIDE OF SALINAS R</td>
<td>SSW 1/4 - 1/2 (0.400 mi.)</td>
<td>H30</td>
<td>132</td>
</tr>
<tr>
<td>CORRAL DE TIERRA SERVICE</td>
<td>HWY 68</td>
<td>SSE 1/4 - 1/2 (0.449 mi.)</td>
<td>31</td>
<td>133</td>
</tr>
</tbody>
</table>

Status: Completed - Case Closed

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board’s Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/20/2015 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-ELEVAN #33011</td>
<td>425 CANYON DEL REY BLVD</td>
<td>SSE 1/8 - 1/4 (0.132 mi.)</td>
<td>D16</td>
<td>115</td>
</tr>
</tbody>
</table>

Status: Completed - Case Closed

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONTEREY PENINSULA US DISTRICT</td>
<td>540 CANYON DEL REY RD</td>
<td>NNW 1/8 - 1/4 (0.195 mi.)</td>
<td>G23</td>
<td>120</td>
</tr>
</tbody>
</table>
HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUCATIONAL SERVICE CENTER</td>
<td>540 CANYON DEL REY BLVD</td>
<td>NNW 1/8 - 1/4 (0.195 mi.)</td>
<td>G24</td>
<td>122</td>
</tr>
</tbody>
</table>

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990’s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
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<th>Page</th>
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<tbody>
<tr>
<td>MONTEREY PENINSULA US DISTRICT</td>
<td>540 CANYON DEL REY RD</td>
<td>NNW 1/8 - 1/4 (0.195 mi.)</td>
<td>G23</td>
<td>120</td>
</tr>
<tr>
<td>MONTEREY PEN. UNIFIED SCHOOL</td>
<td>540 CANYON DEL REY RD</td>
<td>NNW 1/8 - 1/4 (0.195 mi.)</td>
<td>G26</td>
<td>127</td>
</tr>
</tbody>
</table>

Other Ascertainable Records

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORT ORD MILITARY RESERVATION</td>
<td>NE 1/4 - 1/2 (0.310 mi.)</td>
<td>0</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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</thead>
<tbody>
<tr>
<td>FORT ORD</td>
<td>FORMER ARMY BASE FORT ONE</td>
<td>1/4 - 1/2 (0.266 mi.)</td>
<td>0</td>
<td>16</td>
</tr>
</tbody>
</table>

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.
CUPA Listings: A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 10 CUPA Listings sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal / Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-MOBILE SF05799A</td>
<td>23 RYAN RANCH RD</td>
<td>ENE 0 - 1/8 (0.055 mi.)</td>
<td>B7</td>
<td>108</td>
</tr>
<tr>
<td>CITY OF MONTEREY</td>
<td>23-27 RYAN RANCH RD</td>
<td>ENE 0 - 1/8 (0.055 mi.)</td>
<td>B8</td>
<td>109</td>
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<tr>
<td>RYAN RANCH</td>
<td>25 RYAN RANCH RD</td>
<td>ENE 0 - 1/8 (0.061 mi.)</td>
<td>B9</td>
<td>109</td>
</tr>
<tr>
<td>7-ELEVEN #33011</td>
<td>425 CANYON DEL REY BLVD</td>
<td>SSE 1/8 - 1/4 (0.132 mi.)</td>
<td>D17</td>
<td>115</td>
</tr>
</tbody>
</table>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>101 CALLE DEL OAKS</td>
<td>NW 1/8 - 1/4 (0.178 mi.)</td>
<td>F19</td>
<td>116</td>
</tr>
</tbody>
</table>
EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>445 CANYON DEL REY BLV</td>
<td>SSE 0 - 1/8 (0.062 mi.)</td>
<td>10</td>
<td>109</td>
</tr>
</tbody>
</table>
**EXECUTIVE SUMMARY**

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRADLEY SOLID WASTE LANDFILL</td>
<td>ENVIROSTOR</td>
</tr>
</tbody>
</table>
### Standard Environmental Records

#### Federal NPL Site List
- **NPL**: 1.000, 0/8, 0/8-1/4, 1/4-1/2, 1/2-1, >1, NR 1
- **Proposed NPL**: 1.000, 0/8, 0/8-1/4, 1/4-1/2, 1/2-1, >1, NR 0
- **NPL Liens**: TP, NR, NR, NR, NR, NR, NR 0

#### Federal Delisted NPL Site List
- **Delisted NPL**: 1.000, 0/8, 0/8-1/4, 1/4-1/2, 1/2-1, >1, NR 0

#### Federal CERCLIS List
- **CERCLIS**: 0.500, 0/8, 0/8-1/4, 1, NR, NR, 0.500
- **Federal Facility**: 0.500, 0/8, 0/8-1/4, 0, NR, NR, 0

#### Federal CERCLIS NFRAP Site List
- **CERC-NFRAP**: 0.500, 0/8, 0/8-1/4, 0, NR, NR, 0

#### Federal RCRA CORRACTS Facilities List
- **CORRACTS**: 1.000, 0/8, 0/8-1/4, 1, 0, NR, 1

#### Federal RCRA Non-CORRACTS TSD Facilities List
- **RCRA-TSDF**: 0.500, 0/8, 0/8-1/4, 1, NR, NR, 1

#### Federal RCRA Generators List
- **RCRA-LQG**: 0.250, 1, 0, NR, NR, NR, 1
- **RCRA-SQG**: 0.250, 2, 1, NR, NR, NR, 3
- **RCRA-CESQG**: 0.250, 0, 0, NR, NR, NR, 0

#### Federal Institutional Controls / Engineering Controls Registries
- **US ENG Controls**: 0.500, 0, 0, 1, NR, NR, 1
- **US INST Control**: 0.500, 0, 0, 1, NR, NR, 1
- **LUCIS**: 0.500, 0, 0, 0, NR, NR, 0

#### Federal ERNS List
- **ERNS**: TP, NR, NR, NR, NR, NR, 0

#### State- and Tribal - Equivalent NPL
- **RESPONSE**: 1.000, 0/8, 0/8-1/4, 1, 0, NR, 0

#### State- and Tribal - Equivalent CERCLIS
- **ENVIROSTOR**: 1.000, 0/8, 0/8-1/4, 1, NR, 1

#### State and Tribal Landfill and/or Solid Waste Disposal Site Lists
- **SWF/LF**: 0.500, 0, 0, 0, NR, NR, 0

#### State and Tribal Leaking Storage Tank Lists
- **LUST**: 0.500, 0, 1, 5, NR, NR, 6
# MAP FINDINGS SUMMARY

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<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
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<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
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**State and tribal registered storage tank lists**

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<td>INDIAN UST</td>
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<td>FEMA UST</td>
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**State and tribal voluntary cleanup sites**

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<td>INDIAN VCP</td>
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<td>NR</td>
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<tr>
<td>VCP</td>
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**ADDITIONAL ENVIRONMENTAL RECORDS**

**Local Brownfield lists**

<table>
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<tbody>
<tr>
<td>US BROWNFIELDS</td>
<td>0.500</td>
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</table>

**Local Lists of Landfill / Solid Waste Disposal Sites**

<table>
<thead>
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<th>Target Property</th>
<th>&lt; 1/8</th>
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<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
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<tr>
<td>ODI</td>
<td>0.500</td>
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<td>0</td>
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<tr>
<td>DEBRIS REGION 9</td>
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<td>NR</td>
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<tr>
<td>SWRCY</td>
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<td>HAULERS</td>
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<td>NR</td>
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<td>INDIAN ODI</td>
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<td>NR</td>
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<tr>
<td>WMUDS/SWAT</td>
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<td>0</td>
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<td>NR</td>
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</table>

**Local Lists of Hazardous waste / Contaminated Sites**

<table>
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<th>1/2 - 1</th>
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<tbody>
<tr>
<td>US CDL</td>
<td></td>
<td></td>
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<td>NR</td>
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<td>HIST Cal-Sites</td>
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<tr>
<td>SCH</td>
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<td>Toxic Pits</td>
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<tr>
<td>US HIST CDL</td>
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**Local Lists of Registered Storage Tanks**

<table>
<thead>
<tr>
<th>Database</th>
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<th>Target Property</th>
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<th>1/2 - 1</th>
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<tbody>
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<td>CA FID UST</td>
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<td>HIST UST</td>
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<td>0</td>
<td>1</td>
<td>NR</td>
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<td>SWEEPS UST</td>
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**Local Land Records**

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<tr>
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**Records of Emergency Release Reports**

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## MAP FINDINGS SUMMARY

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</table>

### Other Ascertainable Records

- **RCRA NonGen / NLR**: 0.250 0 0 NR NR NR 0
- **DOT OPS**: 1.000 0 0 1 0 NR 1
- **DOT**: 1.000 0 0 0 0 NR 0
- **CONSENT**: 1.000 0 0 0 0 NR 0
- **ROD**: 1.000 0 0 1 0 NR 1
- **UMTRA**: 0.500 0 0 0 NR NR 0
- **US MINES**: 0.250 0 0 NR NR NR 0
- **TRIS**: TP NR NR NR NR NR 0
- **TSCA**: TP NR NR NR NR NR 0
- **FTTS**: TP NR NR NR NR NR 0
- **HIST FTTS**: TP NR NR NR NR NR 0
- **SSTS**: TP NR NR NR NR NR 0
- **ICIS**: TP NR NR NR NR NR 0
- **PADS**: TP NR NR NR NR NR 0
- **MLTS**: TP NR NR NR NR NR 0
- **RADINFO**: TP NR NR NR NR NR 0
- **FINDS**: TP NR NR NR NR NR 0
- **RAATS**: TP NR NR NR NR NR 0
- **RMP**: TP NR NR NR NR NR 0
- **CA BOND EXP. PLAN**: 1.000 0 0 0 0 NR 0
- **NPDES**: TP 1 NR NR NR NR NR 1
- **UIC**: TP NR NR NR NR NR 0
- **Cortese**: 0.500 0 0 0 NR NR 0
- **HIST CORTESE**: 0.500 0 0 0 NR NR 0
- **CUPA Listings**: 0.250 1 6 4 NR NR 11
- **Notify 65**: 1.000 0 0 0 0 NR 0
- **DRYCLEANERS**: 0.250 0 0 NR NR NR 0
- **WIP**: 0.250 0 0 NR NR NR 0
- **ENF**: TP NR NR NR NR NR 0
- **HAZNET**: TP 3 NR NR NR NR 3
- **EMI**: TP NR NR NR NR NR 0
- **INDIAN RESERV**: 1.000 0 0 0 0 NR 0
- **SCRD DRYCLEANERS**: 0.500 0 0 0 NR NR 0
- **HWT**: 0.250 0 0 NR NR NR 0
- **HWP**: 0.100 0 0 0 0 NR 0
- **WDS**: TP 1 NR NR NR NR NR 1
- **PROC**: 0.500 0 0 NR NR NR 0
- **Financial Assurance**: TP NR NR NR NR NR 0
- **MWMP**: 0.250 0 0 NR NR NR 0
- **LEAD SMELTERS**: TP NR NR NR NR NR 0
- **US AIRS**: TP NR NR NR NR NR 0
- **US FIN ASSUR**: TP NR NR NR NR NR 0
- **EPA WATCH LIST**: TP NR NR NR NR NR 0
- **COAL ASH EPA**: 0.500 0 0 0 NR NR 0
- **PCB TRANSFORMER**: TP NR NR NR NR NR 0
- **2020 COR ACTION**: 0.250 0 0 NR NR NR 0
# MAP FINDINGS SUMMARY

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<thead>
<tr>
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<th>Target Property</th>
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### EDR HIGH RISK HISTORICAL RECORDS

#### EDR Exclusive Records

<table>
<thead>
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<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
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### EDR RECOVERED GOVERNMENT ARCHIVES

#### Exclusive Recovered Govt. Archives

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<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
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**NOTES:**
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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<tr>
<th>Site</th>
<th>HAZNET:</th>
<th>EPA ID Number</th>
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<tr>
<td>A1</td>
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**Site 1 of 5 in cluster A**

**Actual:** 136 ft.

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<tr>
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<td>GEPaid</td>
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<td>Contact</td>
<td>CARL WULF/FCLTS/CAPITAL PROJS</td>
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<td>8313938126</td>
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<tr>
<td>Mailing Name</td>
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<tr>
<td>Mailing Address</td>
<td>ONE RYAN RANCH RD</td>
</tr>
<tr>
<td>Mailing City,St,Zip</td>
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</tr>
<tr>
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envid: S113012327
### MONTEREY SALINAS TRANSIT (Continued)

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<td>Mailing Address</td>
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Visit [this hyperlink](#) while viewing on your computer to access 55 additional CA_HAZNET: record(s) in the EDR Site Report.
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<tr>
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<td>Container Construction Thickness</td>
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<td>Tank Used for</td>
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<tr>
<td>Other Type</td>
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<tr>
<td>Telephone</td>
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<td>Owner Name</td>
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<tr>
<td>Owner City, St, Zip</td>
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<td>Type of Fuel</td>
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<td>Year Installed</td>
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<td>Container Num</td>
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<tr>
<td>Year Installed</td>
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<td>Tank Capacity</td>
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<td>Type of Fuel</td>
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MONTEREY SALINAS TRANSIT (Continued)  U001593705

Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CUPA MONTEREY:
Facility Id: FA0814788
Region: MONTEREY
Program/Element Code: 5040
Program/Element: BASE FEE-HAZARDOUS MATERIALS REGISTRATION
Billing Status: ACTIVE, BILLABLE
EDR Link ID: FA0814788

CA WDS:
Facility ID: Central Coastal 27I004248
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 3
Facility Telephone: 8318992560
Facility Contact: ACCTS PAYABLE
Agency Name: MONTEREYSALINAS TRANSIT
Agency Address: 1 Ryan Ranch Rd
Agency City,St,Zip: Monterey 939405703
Agency Contact: ED ORTIZ
Agency Telephone: 8318992560
Agency Type: ?
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and
MONTEREYSALINAS TRANSIT (Continued)

disposal systems, such as septic systems with subsurface disposal, or
dischargers having waste storage systems with land disposal such as
dairy waste ponds.

MONTEREYSALINAS TRANSIT

Target
1 RYAN RANCH ROAD

Property
MONTEREY, CA  93940

Site 3 of 5 in cluster A

Actual: 136 ft.

CA FID UST:
Facility ID: 27002303
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4088992560
Mail To: Not reported
Mailing Address: 1 RYAN RANCH ROAD
Mailing City,St,Zip: MONTEREY 93940
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 27002303
Regulated By: UTNKA
Regulated ID: 00035135
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4088992559
Mail To: Not reported
Mailing Address: 1 RYAN RANCH RD
Mailing City,St,Zip: MONTEREY 93940
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 4232
Number: 4
Board Of Equalization: Not reported
Referral Date: 10-21-82
Action Date: 11-13-92
Created Date: 05-13-91
Owner Tank Id: UNKNOWN
SWRCB Tank Id: 27-000-004232-000001
### MONTEREY SALINAS TRANSIT (Continued)

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<tr>
<td>STG:</td>
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### S101622898

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<tr>
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### Status: Active

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### Tank Status: A

| Capacity:    | 1000 |
| Active Date: | 02-15-90|
| Tank Use:    | M.V. FUEL |
| STG:         | P |
| Content:     | REG UNLEADED |
| Number Of Tanks: | Not reported |

### Status: Active

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### Tank Status: A

| Capacity:    | 12000 |
| Active Date: | 02-15-90|
| Tank Use:    | M.V. FUEL |
| STG:         | P |
| Content:     | DIESEL |
| Number Of Tanks: | Not reported |

### Status: Active

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### Tank Status: A

| Capacity:    | 12000 |
| Active Date: | 02-15-90|
| Tank Use:    | M.V. FUEL |
| STG:         | P |
| Content:     | DIESEL |
| Number Of Tanks: | Not reported |
MONTEREY SALINAS TRANSIT (Continued)  S101622898

Number Of Tanks: Not reported
Status: Active
Comp Number: 4232
Number: 4
Board Of Equalization: Not reported
Referral Date: 10-21-92
Action Date: 11-13-92
Created Date: 05-13-91
Owner Tank Id: UNKNOWN
SWRCB Tank Id: 27-000-004232-000005
Tank Status: A
Capacity: 1000
Active Date: 02-15-90
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 4232
Number: 4
Board Of Equalization: Not reported
Referral Date: 10-21-92
Action Date: 11-13-92
Created Date: 05-13-91
Owner Tank Id: 4232
SWRCB Tank Id: 27-000-004232-000005
Tank Status: A
Capacity: 1000
Active Date: 10-21-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

A4  CITY OF MONTEREY PUBLIC WORKS  HAZNET  S112879366
Target 1 RYAN RANCH RD  N/A
Property MONTEREY, CA 93940

Site 4 of 5 in cluster A

Actual: 136 ft.

envid: S112879366
Year: 1997
GEPAID: CAC001267936
Contact: CITY OF MONTEREY PUBLIC WORKS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 353 CAMINO EL ESTERO
Mailing City,St,Zip: MONTEREY, CA 939400000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 1.8575
Facility County: Monterey
CITY OF MONTEREY PUBLIC WORKS (Continued)  S112879366

envid: S112879366
Year: 1997
GEPAID: CAC001267936
Contact: CITY OF MONTEREY PUBLIC WORKS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 353 CAMINO EL ESTERO
Mailing City,St,Zip: MONTEREY, CA 939400000
Gen County: Not reported
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 2.0000
Facility County: Monterey

HAZNET S112863523 N/A

A5 MONTEREY SALINAS TRANSIT
Target 1 RYAN RANCH RD
Property MONTEREY, CA 93940

Site 5 of 5 in cluster A

Actual: 136 ft.

HAZNET:

envid: S112863523
Year: 1995
GEPAID: CAC001053328
Contact: MONTEREY SALINAS TRANSIT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1 RYAN RANCH RD
Mailing City,St,Zip: MONTEREY, CA 939400000
Gen County: Not reported
TSD County: Not reported
Waste Category: Empty containers less than 30 gallons
Disposal Method: Not reported
Tons: .0050
Facility County: Monterey

envid: S112863523
Year: 1995
GEPAID: CAC001053328
Contact: MONTEREY SALINAS TRANSIT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1 RYAN RANCH RD
Mailing City,St,Zip: MONTEREY, CA 939400000
Gen County: Not reported
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .5000
Facility County: Monterey
DOD: FORT ORD MILITARY RESERVATION (CLOSED)
DOD: CUSA137370
N/A

Region NE 1/4-1/2 1635 ft.

DOD:
Feature 1: Army DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Fort Ord Military Reservation (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CAMONTEREY

RCRA-TSDF: 1000393341
NPL CA7210020676

NPL Region NE 1/4-1/2 1406 ft.

NPL FORT ORD FORMER ARMY BASE FORT ORD MONTEREY, CA 93944

RCRA-LQG US ENG CONTROLS
US INST CONTROL
ROD
ICIS
PRP

RCRA-TSDF:
Date form received by agency: 06/17/2010
Facility name: ORD MILITARY COMMUNITY
Facility address: BLDG. 4495 JOE LLOYD WAY MONTEREY, CA 93944
EPA ID: CA7210020676
Mailing address: DPW HAZARDOUS WASTE OFFICE MONTEREY, CA 93944
Contact: BARBARA L SCHMITT
Contact address: P.O. BOX 5005 MONTEREY, CA 93944
Contact country: US
Contact telephone: (831) 242-7204
Contact email: BARBARA.SCHMITT@US.ARMY.MIL
EPA Region: 09
Land type: Federal
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than
FORT ORD (Continued)

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: U.S. ARMY
Owner/operator address: P.O. BOX 5005
MONTEREY, CA 93944
Owner/operator country: US
Owner/operator telephone: (831) 242-7924
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/11/1917
Owner/Op end date: Not reported

Owner/operator name: US ARMY
Owner/operator address: DIR FAC ENGRG ATTN AFZW-FE-E
FORT ORD, CA 93941
Owner/operator country: Not reported
Owner/operator telephone: (408) 242-4505
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: US ARMY
Owner/operator address: DIR FAC ENGRG ATTN AFZW-FE-E
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: (408) 242-4505
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DARCY A BREWER, COL., US
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 07/07/2008
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
<table>
<thead>
<tr>
<th>Hazardous Waste Summary:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste code:</td>
<td>122</td>
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<tr>
<td>Waste name:</td>
<td>122</td>
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<td>141</td>
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<td>Waste code:</td>
<td>181</td>
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<tr>
<td>Waste name:</td>
<td>181</td>
</tr>
<tr>
<td>Waste code:</td>
<td>211</td>
</tr>
</tbody>
</table>
FORT ORD (Continued)

<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste name</th>
</tr>
</thead>
<tbody>
<tr>
<td>D001</td>
<td>IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.</td>
</tr>
<tr>
<td>D002</td>
<td>A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.</td>
</tr>
<tr>
<td>D007</td>
<td>CHROMIUM</td>
</tr>
<tr>
<td>D008</td>
<td>LEAD</td>
</tr>
<tr>
<td>D009</td>
<td>MERCURY</td>
</tr>
<tr>
<td>D018</td>
<td>BENZENE</td>
</tr>
<tr>
<td>D022</td>
<td></td>
</tr>
</tbody>
</table>

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FORT ORD (Continued)

Waste name: CHLOROFORM
Waste code: D023
Waste name: O-CRESOL
Waste code: D035
Waste name: METHYL ETHYL KETONE
Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE: ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P098
Waste name: POTASSIUM CYANIDE
Waste code: U002
Waste name: ACETONE (I)
Waste code: U069
Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
Waste code: U151
Waste name: MERCURY
Waste code: U162
Waste name: METHYL METHACRYLATE (I,T)
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM
Waste code: D007
Waste name: CHROMIUM
<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste name</th>
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<tbody>
<tr>
<td>D008</td>
<td>LEAD</td>
</tr>
<tr>
<td>D009</td>
<td>MERCURY</td>
</tr>
<tr>
<td>D018</td>
<td>BENZENE</td>
</tr>
<tr>
<td>D035</td>
<td>METHYL ETHYL KETONE</td>
</tr>
<tr>
<td>D002</td>
<td>A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.</td>
</tr>
<tr>
<td>D004</td>
<td>ARSENIC</td>
</tr>
<tr>
<td>D007</td>
<td>CHROMIUM</td>
</tr>
<tr>
<td>D008</td>
<td>LEAD</td>
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<tr>
<td>D009</td>
<td>MERCURY</td>
</tr>
<tr>
<td>D018</td>
<td>BENZENE</td>
</tr>
<tr>
<td>D039</td>
<td>TETRACHLOROETHYLENE</td>
</tr>
</tbody>
</table>

**FORT ORD (Continued)**

<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste name</th>
</tr>
</thead>
<tbody>
<tr>
<td>D001</td>
<td>IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.</td>
</tr>
<tr>
<td>D004</td>
<td>ARSENIC</td>
</tr>
<tr>
<td>D007</td>
<td>CHROMIUM</td>
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<tr>
<td>D009</td>
<td>MERCURY</td>
</tr>
<tr>
<td>D018</td>
<td>BENZENE</td>
</tr>
<tr>
<td>D039</td>
<td>TETRACHLOROETHYLENE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste name</th>
</tr>
</thead>
<tbody>
<tr>
<td>D039</td>
<td>TETRACHLOROETHYLENE</td>
</tr>
</tbody>
</table>

**TC4200906.2s  Page 21**
<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste name</th>
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</thead>
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<tr>
<td>611</td>
<td>611</td>
</tr>
<tr>
<td>791</td>
<td>791</td>
</tr>
<tr>
<td>D001</td>
<td>Ignitable hazardous wastes are those wastes which have a flashpoint of less than 140 degrees Fahrenheit as determined by a Pensky-Martens</td>
</tr>
</tbody>
</table>
CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: ARSENIC

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE BY WASTE GUNPOWDER.

Waste code: D004
Waste name: CADMIUM

Waste code: D006
Waste name: CROMIUM

Waste code: D007
Waste name: LEAD

Waste code: D008
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Corrective Action Summary:
Event date: 04/01/1986
Event: CA029SF

Event date: 04/01/1986
Event: CA049PA

Event date: 06/01/1987
Event: CA049SI

Event date: 01/01/1988
<table>
<thead>
<tr>
<th>Event:</th>
<th>Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Event date:</td>
<td>12/01/1988</td>
</tr>
<tr>
<td>Event:</td>
<td>Stabilization Construction Completed</td>
</tr>
<tr>
<td>Event date:</td>
<td>07/23/1990</td>
</tr>
<tr>
<td>Event:</td>
<td>RFI Imposition</td>
</tr>
<tr>
<td>Event date:</td>
<td>07/23/1990</td>
</tr>
<tr>
<td>Event:</td>
<td>CMS Imposition</td>
</tr>
<tr>
<td>Event date:</td>
<td>12/01/1991</td>
</tr>
<tr>
<td>Event:</td>
<td>RFI Workplan Approved</td>
</tr>
<tr>
<td>Event date:</td>
<td>12/01/1991</td>
</tr>
<tr>
<td>Event:</td>
<td>CMS Workplan Approved</td>
</tr>
<tr>
<td>Event date:</td>
<td>01/17/1995</td>
</tr>
<tr>
<td>Event:</td>
<td>CA Prioritization, Facility or area was assigned a high corrective action priority.</td>
</tr>
<tr>
<td>Event date:</td>
<td>01/01/1996</td>
</tr>
<tr>
<td>Event:</td>
<td>CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.</td>
</tr>
<tr>
<td>Event date:</td>
<td>08/08/1996</td>
</tr>
<tr>
<td>Event:</td>
<td>RFA Completed, Assessment was an RFA.</td>
</tr>
<tr>
<td>Event date:</td>
<td>01/13/1997</td>
</tr>
<tr>
<td>Event:</td>
<td>Date For Remedy Selection (CM Imposed)</td>
</tr>
<tr>
<td>Event date:</td>
<td>01/13/1997</td>
</tr>
<tr>
<td>Event:</td>
<td>CMS Approved</td>
</tr>
<tr>
<td>Event date:</td>
<td>01/13/1997</td>
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<tr>
<td>Event:</td>
<td>RFI Approved</td>
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<tr>
<td>Event date:</td>
<td>01/13/1997</td>
</tr>
<tr>
<td>Event:</td>
<td>Date For Remedy Selection (CM Imposed)</td>
</tr>
<tr>
<td>Event date:</td>
<td>04/08/1998</td>
</tr>
<tr>
<td>Event:</td>
<td>Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.</td>
</tr>
<tr>
<td>Event date:</td>
<td>04/08/1998</td>
</tr>
<tr>
<td>Event:</td>
<td>Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1-it appears to be technically infeasible or inappropriate (NF) or 2-there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.</td>
</tr>
<tr>
<td>Event date:</td>
<td>04/08/1998</td>
</tr>
<tr>
<td>Event:</td>
<td>Current Human Exposures under Control, Current human exposures are NOT under control.</td>
</tr>
<tr>
<td>Event date: 04/08/1998</td>
<td>Event: CA Responsibility Referred To A Non-RCRA Federal Authority</td>
</tr>
<tr>
<td>Event date: 05/22/2000</td>
<td>Event: Ignition of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.</td>
</tr>
<tr>
<td>Event date: 05/22/2000</td>
<td>Event: Current Human Exposures under Control, Current human exposures are NOT under control.</td>
</tr>
<tr>
<td>Event date: 05/22/2000</td>
<td>Event: Ignition of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.</td>
</tr>
<tr>
<td>Event date: 05/22/2000</td>
<td>Event: Current Human Exposures under Control, Current human exposures are NOT under control.</td>
</tr>
</tbody>
</table>

Facility Has Received Notices of Violations:
- Regulation violated: F - 262.50-60
- Area of violation: Generators - General
- Date violation determined: 12/02/1997
- Date achieved compliance: 12/02/1997
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 12/02/1997
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: State
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported

- Regulation violated: FR - 262.50-60
- Area of violation: Generators - General
- Date violation determined: 04/13/1995
- Date achieved compliance: 05/11/1995
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 04/13/1995
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: State
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported

- Regulation violated: FR - 264.110-120,G
- Area of violation: TSD - Closure/Post-Closure
- Date violation determined: 04/13/1995
- Date achieved compliance: 05/11/1995
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 04/13/1995
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
FORT ORD (Continued)

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 08/05/1993
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/05/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 06/25/1993
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/05/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
<table>
<thead>
<tr>
<th>Proposed penalty amount:</th>
<th>Not reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final penalty amount:</td>
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<td>Paid penalty amount:</td>
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<td>Regulation violated:</td>
<td>FR - 262.50-60</td>
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<tr>
<td>Area of violation:</td>
<td>Generators - General</td>
</tr>
<tr>
<td>Date violation determined:</td>
<td>06/25/1993</td>
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<tr>
<td>Date achieved compliance:</td>
<td>09/21/1993</td>
</tr>
<tr>
<td>Violation lead agency:</td>
<td>State</td>
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<tr>
<td>Enforcement action:</td>
<td>WRITTEN INFORMAL</td>
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<td>Enforcement action date:</td>
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<tr>
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<td>State</td>
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<tr>
<td>Proposed penalty amount:</td>
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<tr>
<td>Final penalty amount:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Paid penalty amount:</td>
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<tr>
<td>Regulation violated:</td>
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FORT ORD (Continued)

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
   Enforcement action: Not reported
   Enforcement action date: Not reported
   Enf. disposition status: Not reported
   Enf. disp. status date: Not reported
   Enforcement lead agency: Not reported
   Proposed penalty amount: Not reported
   Final penalty amount: Not reported
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Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1993
Violation lead agency: State
   Enforcement action: Not reported
   Enforcement action date: Not reported
   Enf. disposition status: Not reported
   Enf. disp. status date: Not reported
   Enforcement lead agency: Not reported
   Proposed penalty amount: Not reported
   Final penalty amount: Not reported
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Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 09/21/1993
Violation lead agency: State
   Enforcement action: Not reported
   Enforcement action date: Not reported
   Enf. disposition status: Not reported
   Enf. disp. status date: Not reported
   Enforcement lead agency: Not reported
   Proposed penalty amount: Not reported
   Final penalty amount: Not reported
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Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 09/21/1993
Violation lead agency: State
   Enforcement action: WRITTEN INFORMAL
   Enforcement action date: 04/10/1992
   Enf. disposition status: Not reported
   Enf. disp. status date: Not reported
   Enforcement lead agency: State
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Paid penalty amount: Not reported
FORT ORD (Continued)

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/19/1991
Date achieved compliance: 02/04/1992
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/11/1989
Date achieved compliance: 12/19/1989
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/09/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/11/1989
Date achieved compliance: 12/19/1989
Violation lead agency: EPA

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/05/1988
Date achieved compliance: 04/11/1989
Violation lead agency: EPA

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Final penalty amount: Not reported
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Regulation violated: FR - 270
FORT ORD (Continued)

Area of violation: TSD - General
Date violation determined: 01/05/1988
Date achieved compliance: 04/11/1989
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 03/18/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/20/1987
Date achieved compliance: 12/19/1989
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/20/1987
Date achieved compliance: 12/19/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/22/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
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Regulation violated: FR - 268.7
Area of violation: LDR - General
FORT ORD (Continued)

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Regulation violated: FR - 268 ALL
Area of violation: LDR - General

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Regulation violated: FR - 270
Area of violation: TSD - General

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Regulation violated: FR - 270
Area of violation: TSD - General

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Evaluation Action Summary:
Evaluation date: 12/02/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
FORT ORD (Continued)

Area of violation: Generators - General
Date achieved compliance: 12/02/1997
Evaluation lead agency: State

Evaluation date: 01/22/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/23/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/27/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 06/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 06/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/24/1993
Evaluation lead agency: State
FORT ORD (Continued)

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/24/1992
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/24/1992
Evaluation lead agency: State

Evaluation date: 03/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/04/1992
Evaluation lead agency: EPA

Evaluation date: 12/19/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/11/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/19/1989
Evaluation lead agency: EPA

Evaluation date: 01/05/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/11/1989
Evaluation lead agency: EPA

Evaluation date: 04/20/1987
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Area of violation: TSD - General
Date achieved compliance: 12/19/1989
Evaluation lead agency: State

Evaluation date: 04/07/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

1000393341
FORT ORD (Continued)

Date achieved compliance: 04/20/1987
Evaluation lead agency: EPA

NPL:
EPA ID: CA7210020676
EPA Region: 09
Federal: Y
Final Date: 1990-02-21 00:00:00

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer -> 50 And <= 100 Feet
Category Value: 80

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population -> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: FORT ORD
Site Status: Final
Site Zip: 93933
Site City: MARINA
Site State: CA
Federal Site: Yes
Site County: MONTEREY
EPA Region: 09
Date Proposed: 07/14/89
Date Deleted: Not reported
Date Finalized: 02/21/90

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
Airfield Fire Drill Area. Status February 21, 1990): IRP activities Army is treating contaminated soil and ground water at nearby Fort Ord Army implementing a sampling plan to investigate ground water contamination. The contamination from hazardous materials. As part of IRP, the Army is Department of Defense seeks to identify, investigate, and clean up other contamination problems. Fort Ord is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Army is implementing a sampling plan to investigate ground water contamination. The Army is treating contaminated soil and ground water at nearby Fort Ord Airfield Fire Drill Area. Status February 21, 1990): IRP activities continue.

Summary Details: Conditions at proposal July 14, 1989): Fort Ord covers 46 square miles on Monterey Bay approximately 5.6 miles north of Monterey, Monterey County, California. The installation is bordered by the City of Marina and the Salinas River to the north, El Toro Creek to the east, Seaside and Del Rey Oaks to the south, and Monterey Bay to the west. Fort Ord was established in 1917 as a maneuver area and field artillery target range for units then stationed at the Presidio of Monterey. Its primary mission now is training. Industrial operations at Fort Ord include vehicle maintenance areas, a battery charging/repair facility, photographic processing laboratories, spray painting operations, a plastics shop, laundry/dry cleaning facilities, vehicle wash racks, and a small arms repair shop. Chemicals and hazardous wastes were managed and disposed of at Fort Ord. According to tests conducted by the Army in 1986, elevated levels of contaminants were detected in off-base ground water. The contamination is emanating from the base and may be contaminating the drinking water supplies of the City of Marina; however, the exact location of the source has not yet been identified. The contaminants include carbon tetrachloride, tetrachloroethylene, trichloroethylene, 1,1,1-trichloroethane, and trans-1,2-dichloroethylene. An estimated 38,600 people obtain drinking water from wells within 3 miles of hazardous substances on the fort. Ground water is also used for irrigation. In addition, soil and ground water are contaminated at the Fire Drill Area, where approximately 600 gallons of petroleum products have been spilled. Fort Ord has identified at least 18 other contamination problems. Fort Ord is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Army is implementing a sampling plan to investigate ground water contamination. The Army is treating contaminated soil and ground water at nearby Fort Ord Airfield Fire Drill Area. Status February 21, 1990): IRP activities continue.

Site Status Details:
NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 02/21/1990
Deleted Date: Not reported

Narratives Details:
NPL Name: FORT ORD
City: MARINA
State: CA

FORT ORD (Continued) 1000393341

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Scoring: 2
FORT ORD (Continued)

CERCLIS:
Site ID: 0902783
EPA ID: CA7210020676
Facility County: MONTEREY
Short Name: FORT ORD
Congressional District: 20
IFMS ID: 09Q6
SMSA Number: 7120
USGC Hydro Unit: 18060012
Federal Facility: Federal Facility
DMNSN Number: 29440.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: ACRE
RBRAC Code: Not reported
RResp Fed Agency Code: USAR
Non NPL Status: Not reported
Non NPL Status Date: / /  
Site Fips Code: 06053
CC Concurrence Date: / /  
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 9270482.00000
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Contact Email: Not reported

Contact ID: 9271193.00000
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Contact Email: Not reported

Contact ID: 13003854.00000
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Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
The north landfill was used from 1956 to 1966. The main landfill was operated from 1960 until 1987 when disposal was ceased due to interim closure of the facility. During operation of the base, both landfills were used for disposal of residential and commercial waste, including dried sewage sludge, construction debris, and small amounts of chemical waste (such as paint, oil, pesticides, electrical equipment, ink, and epoxy adhesive). Waste received at the landfills was placed in trenches approximately 30 feet wide, 10 to 15 feet apart, and 10 to 12 feet below ground surface. Environmental investigations began at Fort Ord in 1984 under the Regional Water Quality Control Board (RWQCB) cleanup or abatement orders. In 1986, further investigations began at Operable Unit 2 (OU2). In 1990, Fort Ord was placed on the National Priorities List (NPL) because of Volatile Organic Compounds (VOCs) found in ground water beneath OU2. A Federal Facility Agreement (FFA) was signed in 1990 by the Army, U.S. Environmental Protection Agency, the California Environmental Protection Agency’s Department of Toxic Substances Control (DSTC) and Regional Water Quality control Board (RWQCB). The FFA established schedules for commencing Remedial Investigations and Feasibility Studies (RI/FS). In 1991, the basewide RI/FS began and Fort Ord was placed on the Base Realignment and Closure list. The final FS for OU2 was completed on October 1, 1993, and the Record of Decision (ROD) was signed in August 1994. An Interim Action Plug-In ROD was signed in March 1994 for excavation and treatment of shallow contaminated soils. The Draft and Draft Final Versions of the Basewide RI/FS were completed in August 1994 and December 1994, respectively. The Former Fort Ord is located near Monterey Bay in northwestern Monterey County, California, approximately 80 miles south of San Francisco. The base comprises approximately 28,000 acres adjacent to the cities of Seaside, Sand City, Monterey, and Del Rey Oaks to the south and Marina to the north. The Southern Pacific Railroad and Highway 1 pass through the western portion of former Fort Ord, separating the beachfront from the rest of the base. Laguna Seca Recreation Area and Toro Regional Park border former Fort Ord.
to the south and southeast, respectively, as well as several small communities such as Toro Park Estates and San Benancio. There are three main developed areas within Fort Ord: the Main Garrison, the East Garrison and Fritzsch Army Airfield (FAAF). The Main Garrison contains commercial, residential, and light industrial facilities. The East Garrison occupies 350 acres on the northeastern edge of the base and consists of military and industrial support areas, recreational facilities, and recreational open space. The FAAF serves as the general airfield for Fort Ord. EPA placed the site on the National Priorities List in 1990. Several areas of contamination exist on site. Generally, chemicals present in soil are the result of former routine maintenance and support activities on Fort Ord. Such activities include: maintenance of military vehicles at wash racks, tank storage of chemicals such as waste oil, the use of oil/water separators in drainage areas, and pesticide use and storage. The facility contained leaking petroleum underground storage tanks, containers of waste oil and various automotive chemicals, chemical storage areas, oil-waste separators, target ranges, and landfills. One on-site area is a 150-acre landfill that was primarily used to dispose of residential waste, as well as small amounts of commercial waste generated by the base. The north landfill covers approximately 30 acres and has residences nearby. Pursuant to a Record of Decision (ROD), this 30 acre portion was clean-closed. The main landfill covers approximately 120 acres that have not been developed. Other areas include a former fire drill area, motor pool maintenance areas, small dump sites, and small arms target ranges. Over 12,000 acres are suspected of containing ordnance and explosives (OE). In particular, the 8,000 acre Multi-Range Area (MRA) is known to contain dangerous unexploded ordnance. OE investigations are complicated by technological limitations and protected habitat that covers the area and requires special management pursuant to the base Habitat Management Plan (HMP). This includes the current requirement to use prescribed burns to clear vegetation prior to OE removal. The HMP currently restricts burns to 800 acres/year, thus requiring at least 10 years to address OE in the MRA. The aquifers at the site are called the upper aquifer and the 180-foot aquifer. Approximately 40,000 people obtain drinking water from wells located within 3 miles of the site. Since opening in 1917, Fort Ord served as a training and staging facility for Army infantry troops. No permanent improvements were made until the late 1930s when administrative buildings, barracks, mess halls, tent pads, and a sewage treatment plant were constructed. The Main Garrison was constructed between 1940 and the 1960s, starting in the northwest corner of the base and expanding southeastward. The FAAF was incorporated into Fort Ord in 1961. Since 1917, portions of the installation were used by infantry units for maneuvers, target ranges, and other purposes. Ordnance and explosives (OE) that have been fired into, fired upon, or used on the facility include artillery and mortar projectiles, rockets and guided missiles, rifle and hand grenades, practice land mines, pyrotechnics, bombs, and demolition materials. A wide variety of conventional OE items have been located at sites throughout the former Fort Ord, including pyrotechnics and explosives. Since the base was selected in 1991 for base realignment and closure (BRAC) and was officially closed in September 1994, site visits, historic and archival investigations, OE sampling, and removal actions have been performed and documented in preparation for transfer and reuse of former Fort Ord property. The Ord Military Community, located within the Main Garrison portion of former Fort Ord, will be retained by the Army. Since base closure in September 1994, lands outside the Ord Military Community have been subjected to the reuse process. Some of the property on the installation has been transferred. A large portion of the Inland Training Ranges was assigned to the Bureau of Land Management (BLM). The other major recipient of Fort Ord property has been the California State University (CSU) system. The CSU Monterey campus is located on the site of the
former Fort Ord and is expected to expand in the future. Other areas on the installation have been or will be transferred to federal, state, local, and private entities through economic development conveyance, public benefit conveyance, negotiated sale, or other means. The reuse of the former Fort Ord following transfer of property increases the possibility of the public being exposed to explosive hazards. In November 1998, the Army agreed to evaluate OE at former Fort Ord in an OE Remedial Investigation/Feasibility Study (RI/FS) consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). A Federal Facility Agreement (FFA) was signed in 1990 by the Army, EPA, and the California Environmental Protection Agency’s Department of Toxic Substances control (DTSC; formerly the Department of Health Services or DHS). The FFA established schedules for performing remedial investigations and feasibility studies and requires that remedial actions be completed as expeditiously as possible. In April 2000, an agreement was signed between the Army, EPA and DTSC to evaluate OE at the former Fort Ord subject to the provisions of the Fort Ord FFA. EPA OU-01: Fritzsche Army Airfield Fire Drill Area An investigation into the nature and extent of contamination in the Fritzsche Army Airfield practice fire area began in 1984. The ROD was signed in September 1995. Groundwater cleanup standards were established in the ROD which must be met through the existing pump and treat system. The selected remedy is consistent with the initial action described above. The groundwater treatment system was installed in 1988. In 2004, the Army awarded a fixed price contract for the management and completion of the groundwater cleanup remedy at Operable Unit 1. In 1995, the OU1 ROD was completed and then signed by the Army, USEPA, DTSC and RWQCB. The OU1 ROD established a specific Aquifer Cleanup Goal2 for each of ten contaminants of concern (COCs), including TCE (the primary COC) at 5.0 micrograms per liter (\(\mu g/L\)). TCE is the contaminant that is detected at the highest concentrations and across the greatest extent of the impacted groundwater at OU1. Because the TCE plume footprint encompasses that of the other nine COCs, TCE concentrations are used to define the boundaries of groundwater contamination within the OU1 area. Contaminants at OU1 have been detected above their respective Aquifer Cleanup Goals only in the A-Aquifer. Since 2002, only benzene and TCE have exceeded their respective Aquifer Cleanup Goals. The ROD also states contaminated soil at the FDA has been remediated and lists extraction and treatment as the selected remedy for groundwater. The original Groundwater Extraction and Treatment System (GWETS) was shut down on February 22, 2006 to conduct a rebound evaluation. Data collected during the rebound evaluation from all monitoring wells within the capture zone of the original GWETS showed groundwater quality met the Aquifer Cleanup Goals specified in the Operable Unit (OU) 1 ROD. The rebound evaluation concluded significant rebound did not occur and the original GWETS should remain shut down. Continued Long Term Monitoring (LTM) of groundwater in this area has confirmed that groundwater meets the cleanup targets defined in the ROD. In 2005, evaluation of data from groundwater monitoring activities in late 2004 indicated the Trichloroethylene (TCE) plume had migrated downgradient of the former Fort Ord property boundary and under the adjacent Armstrong Ranch property. In March 2006, seven monitoring wells were installed within the Armstrong Ranch to determine the extent of the plume. Analytical results from groundwater samples collected from these wells indicated the TCE plume extended into the Armstrong Ranch property and potentially under a residential area of the City of Marina downgradient of the Armstrong Ranch. The Army, USEPA, Department of Toxic Substances Control (DTSC) and the California Regional Water Quality Control Board (RWQCB) reviewed analytical data from groundwater samples collected at OU1 after 2005 and evaluated it to determine the likelihood of a vapor intrusion pathway in areas with development or proposed development adjacent to or overlying the OU1 plume. This analysis determined 1) concentrations of
Contaminants of Concern (COCs) in groundwater in these areas were, and continue to be, relatively low, and 2) groundwater contamination tends to be stratified in the A-Aquifer with concentrations of COCs being very low or not detectable in the upper or shallower part of the A-Aquifer and relatively higher in the lower or deeper part of the A-Aquifer. Additionally, current data indicates the plume extent with concentrations of COCs exceeding Aquifer Cleanup Goals is entirely within the boundary of the former Fort Ord and a habitat reserve area with no plans for development. Based on these determinations, a vapor intrusion pathway is unlikely in the developed areas and the areas proposed for development adjacent to or potentially overlying OU1. Based on data indicating the OU1 plume may have been approaching a residential area in the City of Marina, planning for construction and operation of additional GWETs was initiated. The installation of a full-scale remediation system to capture and treat the OU1 TCE groundwater plume within the former Fort Ord and outside the capture zone of the original GWETs became fully operational in October 2007. This system was constructed in two phases. The first phase was the Hydraulic Control Pilot Project (HCPP), which included four groundwater extraction wells located along the northwest property boundary and a Granular Activated Carbon (GAC) groundwater treatment system. The HCPP was completed in June 2006 and began operating July 1, 2006. After approximately nine months of successful operation, the HCPP facilities were referred to as the Northwest Treatment System. The second phase of the full remediation system is referred to as the Fort Ord Natural Reserve (FONR) System and consists of four additional extraction wells located along the main axis of plume migration in the central portion of the FONR. Pumps and pipelines were installed in the summer of 2007 and the extraction wells became fully operational on October 12, 2007. Treated groundwater from the NWTS is recharged to the A-Aquifer in the central portion of the OU1 plume through infiltration trenches constructed along the northwest Fort Ord boundary, through additional infiltration trenches in the grassland area adjacent to the central portion of the FONR, and through injection at either of two wells in the central FONR. In August 2008 construction of the Off-Site Groundwater Extraction Pilot Study GWETs (Off-Site System) was completed and operation was initiated. This Off-Site System was constructed in the Armstrong Ranch near the downgradient edge of the OU1 TCE Plume and consisted of groundwater extraction from the A-Aquifer by two extraction wells, aboveground treatment with GAC, and infiltration of the treated water. The Off-Site System operated full-time until February 2009, when analytical data indicated remedial action objectives (RAOs) were achieved. A series of rebound tests starting in February 2009 indicate COC concentrations in the off-site area remain below Aquifer Cleanup Levels (ACLs). An Explanation of Significant Differences for OU01 of the Former Fort Ord Site was completed in July 2010. EPA OU-02: Fort Ord Landfill One on-site area is a 150-acre landfill that was primarily used to dispose of residential waste, as well as small amounts of commercial waste generated by the base. The north landfill covers approximately 30 acres and has residences nearby. Pursuant to a Record of Decision (ROD), this 30 acre portion was clean-closed. The main landfill covers approximately 120 acres that have not been developed. The north landfill was used from 1956 to 1966. The main landfill was operated from 1960 until 1987 when disposal was ceased due to interim closure of the facility. During operation of the base, both landfills were used for disposal of residential and commercial waste, including dried sewage sludge, construction debris, and small amounts of chemical waste (such as paint, oil, pesticides, electrical equipment, ink, and epoxy adhesive). Waste received at the landfills was placed in trenches approximately 30 feet wide, 10 to 15 feet apart, and 10 to 12 feet below ground surface. In 1994, the Army completed an investigation focusing on groundwater and soil contamination originating from the landfill. A Record of Decision (ROD) was signed in August 1994.
ROD included capping the landfill and installing a groundwater pump and treatment system. Construction of the groundwater treatment system is complete and is operational. In May 1995, the Army proposed to consolidate wastes from several areas around the main landfill which will provide more clean land for re-use. The changes are documented in the Explanation of Significant Differences (ESD) in August 1996. The consolidation is complete and capping of the main landfill was completed in December 2002. The Army has installed an active landfill gas extraction and treatment system to capture and remediate methane and other volatile organic compound gases that are being generated by decaying materials in the landfill. The Army continues to monitor landfill gases to ensure that they do not pose a health hazard.

EPA OU-03: Overall Site

In 1990, the Army began further investigations into the nature and extent of on- and off-site soil and groundwater contamination, as well as any ecological or health threats that may be present. The investigation identified three waste disposal sites, firing ranges, and a vehicle maintenance area that require extensive cleanup actions. A Federal Facility Agreement (FFA) was signed by the Army, EPA, California EPA's Department of Toxic Substances Control (DTSC; formerly the Toxic Substances Control Program of the Department of Health Services or DHS), and RWQCB. The FFA established schedules for performing remedial investigations and feasibility studies and requires that remedial actions be completed as expeditiously as possible. In 1991, the basewide RI/FS began for Sites 2 and 12, 16 and 17, 31, and 39, as well as other sites, and Fort Ord was placed on the Base Realignment and Closure (BRAC) list. The final draft of the Basewide RI/FS was submitted in October 1995. A Proposed Plan summarizing remedial actions planned for these sites, the surface water outfalls, and Sites 25 and 33 was submitted for public review and comment on May 7, 1996. A separate Proposed Plan for RI Site 3 was submitted on May 7, 1996, because finalization of an environmental cleanup level was still being performed and would require separate scheduling. A Record of Decision addressing OU 3 at the Fort Ord site was completed in January 1997. The Army completed the RI/FS and ROD in 1997, and all soil cleanup actions are complete, and groundwater pump and treatment systems are operational. The action included remediating the Sites 2/12 maintenance/disposal area by soil excavation and ongoing groundwater remediation, Sites 16/17 disposal area by soil excavation, Site 31 disposal area by soil excavation, and Site 39 small arms ranges by soil excavation. Most of the excavated soils were placed at the Fort Ord Landfill, which was closed in December 2002. The Army is currently evaluating treatment/disposal options for additional Site 39 soils to be excavated. Site 39, which includes the Multi-Range Area (MRA), was reportedly used since the early 1900s for small arms training and ordnance training exercises, including onshore naval gunfire. Over the years, in addition to small arms rounds, various types of ordnance have been used or found in the MRA, including hand grenades, mortars, rockets, mines, and artillery rounds. The remedy for Site 39 as described in the Remedial Investigation (RI) Sites Record of Decision (ROD) addresses lead contamination at the Small Arms Ranges, as well as explosive compounds, petroleum hydrocarbons, and other metals associated with training activities. Ordnance is being addressed through other remedial or removal actions. Site 39 comprises approximately 8,500 acres in the southern portion of Fort Ord. Site 39 is bounded by Eucalyptus Road to the north, Barloy Canyon Road to the east, Boundary Road and South Boundary Road to the south, and General Jim Moore Blvd to the west. Results of the RI indicate the metals lead and beryllium, explosive compounds, and organic compounds are present in shallow soil above background concentrations in localized areas at Site 39, and are associated with past military training activities. Spent ammunition found at the Small Arms Ranges consists of bullets, black powder rifle balls, and lead shot. Lead is the primary chemical of concern in soil at the Small Arms Ranges at Site 39.
In localized areas, spent ammunition is found on the ground surface. An Explanation of Significant Differences addressing OU 3 was completed in December 2003. Additional characterization was conducted in the residential and mixed use areas of the Impact Area that do not occur within habitat reserve areas under the Draft Final Additional Soil Characterization - Site 39, Work Plan, Former Fort Ord, California. This characterization included performing a literature review to identify other areas of potential small arms use inside and outside the Impact Area, site reconnaissance and mapping, soil sampling, and data evaluation, and developing recommendations for remedial actions within the non-habitat reserve areas of the Impact Area. The additional characterizations and risk evaluations were focused on identifying areas where chemical contamination that may pose a risk to ecological receptors may be present in habitat reserve areas, where remediation has not yet been conducted. Because previous ecological risk evaluations for the Site 39 Inland Ranges were conducted using limited soil and biota data, an Ecological Risk Assessment (ERA) sampling program was conducted to fill data gaps for the evaluation of ecological risks. Baseline (no action) risks were estimated for the receptors and exposure areas, and risk estimates were then calculated for a range of remedial exposure scenarios to evaluate both the level of risk reduction gained and amount of habitat destroyed under various potential remediation scenarios. The primary goal of developing the remedial risk scenarios was to devise a remediation approach which maximizes risk reduction along with preservation of quality habitat to be used in remedial decision-making. Based on the spatial analysis of lead and constituents of explosives concentrations and habitat quality, remedial exposure scenarios were developed for each Range Area using best professional judgment. The primary goal for developing the remedial exposure scenarios was to remove areas associated with the highest lead concentrations in surface soil with the lowest amount of habitat destruction (i.e., maximize risk reduction along with preservation of quality habitat). Thus, removal of low quality areas (i.e., removal of soils associated with lead concentrations greater than 225 milligrams per kilogram (mg/kg) within low quality habitat and its borders) was preferred, followed by removal of soils from medium quality, high quality, and then very high quality habitat. Because many of the ranges have significant areas of very high quality habitat, and remediation of lead contamination would not be possible without destroying the habitat, consideration was also made for the type of habitat within these areas. Because each Range Area is unique (i.e., the extent and magnitude of lead contamination and distribution of habitat quality vary significantly throughout and between each Range Area), removal of soils from low quality areas was not always possible. Hence, best professional judgment was used to develop Range Area-specific exposure scenarios by incorporating a general preference for removal of soils from low quality habitat areas, where possible. The final remedial risk scenarios developed under the ERA were used to devise a remediation approach that maximizes risk reduction while preserving quality habitat. The Feasibility Study (FS) Addendum then evaluated four remedial alternatives associated with different cleanup levels and remedial approaches to risk reduction and preservation of quality habitat, and identified the associated volume of soils potentially requiring remediation under the preferred remedial alternative presented in the Proposed Plan. A ROD Amendment addressing Operable Unit 03 of the Fort Ord site was completed in September 2009. EPA OU-04: Surface Soils EPA OU-05: No Action Soils EPA OU-07: Site 3 Beach Range Site 3 is situated within about 3.2 miles (780 acres) of dunes along the coastline of Monterey Bay at the western boundary of Fort Ord. Results of the investigation indicate lead from small arms is the main contaminant at the site. The site is also home of the Smith’s Blue butterfly, an endangered species, and buckwheat plants which the butterflies use to lay their eggs on. In 1997, the Army completed a ROD
allowing them to first clean up the lead contamination to address human health concerns by soil excavation and placement in the Fort Ord Landfill, which was simultaneously being remediated (capped). This cleanup was completed in 2000, with the dunes being re-contoured and re-vegetated. The Army is finalizing a post-cleanup ecological risk assessment which suggests the initial cleanup is protective of ecological species as well. EPA OU-08: OE Track 0 (No Further Action) The Track 0 process addresses single or grouped areas of land at the former Fort Ord that have no history of OE-related use and for which No Action is necessary to protect human health and the environment. These areas consist largely of land that has been developed for military support or residential use throughout Fort Ord’s history and areas that have no physical or documented evidence of OE-related training. A Track 0 Special Case area includes a former landfill where OE scrap items were found buried with refuse. No OE-related activities occurred in the area and the OE scrap items and the refuse were entirely removed. Track 0 areas were grouped geographically: e.g., all non-OE land in the Main Garrison was grouped and discussed together as one area. Track 0 includes parcels in the following areas: - Highway 1 Area - Golf Course Maintenance Area - Brostrom Park Area - Patton/Abrams Park Housing Area - Open Space, Main Entrance Area - Surplus II Area - Fritzsche Army Airfield Area - East Garrison Area - Main Garrison Area - OU 2 Landfill Area - Reservation Road Area Track 0 sites were addressed by a No Further Action Record of Decision (ROD) dated July 2, 2002. The Army has been conducting military munitions sampling and removal actions at identified Munitions Response Sites (MRS) and will continue these actions to mitigate imminent MEC-related hazards to the public while gathering data about the type of military munitions and level of hazard at each of the sites for use in the base-wide MR RI/FS. The Army is performing its activities pursuant to the President’s authority under the CERCLA Section 104, as delegated to the Army in accordance with Executive Order 12580 and in compliance with the process set out in CERCLA Section 120. Because this is a National Priority List (NPL) site, the Army and EPA jointly select remedial actions including No Action determinations. Therefore, regulatory agencies (EPA and DTSC) have been and will continue to be involved. The Army is preparing the MR RI/FS for Fort Ord to address MEC-related hazards. The MR RI/FS will review and evaluate past investigative and removal actions, as well as recommend future response actions deemed necessary to protect human health and the environment on the basis of proposed reuses specified in the Fort Ord Reuse Authority (FORA) Reuse Plan. The information to be evaluated during the MR RI/FS will include site knowledge, the quality of the available information, work completed, and intended future land uses. The base-wide MR RI/FS will contain a comprehensive evaluation of all MEC-related data for the entire former Fort Ord and will evaluate long-term response alternatives for cleanup and risk management of MEC. The MR RI/FS is organized as a "tracking" process whereby sites with similar characteristics will be grouped to expedite cleanup, reuse, and/or transfer based on current knowledge. The Track 0 Record of Decision (ROD) addresses areas on the former Fort Ord that have been identified as requiring no munitions response to protect human health (public safety) and the environment (Track 0 areas). Other Track (1 through 3) areas will be addressed separately for the other lands that have or are suspected to have a history of military munitions-related use and investigations completed to date. Track 1 sites were suspected to have been used for training with military munitions but for which no further response action is required because they fall into one of the three categories defined in Record of Decision, No Further Action Related to Munitions and Explosives of Concern-Track 1 Sites; No Further Remedial Action with Monitoring for Ecological Risks from Chemical Contamination at Site 3 (MRS-22); Former Fort Ord, California (Track 1 ROD). Track 2 sites are areas at the former Fort Ord where MEC items were present, and MEC removal actions
have been completed. Track 3 sites are areas at the former Fort Ord where MEC items are known or suspected to be present, but MEC investigations have not yet been completed. All base-wide MR RI/FS documents have been or will be prepared in cooperation with the EPA and DTSC in accordance with the Fort Ord FFA; made available for public review and comment; and placed in the Administrative Record and local information repositories. A ROD addressing OU 8 was completed in 2002. An Explanation of Significant Difference (ESD) pertaining to the OU8 ROD was completed in April of 2005. EPA OU-09: OE Track 1 Track 1 sites are sites where munitions and explosives of concern were suspected but no further remedial action was deemed necessary to protect human health and the environment. The Track 1 Proposed Plan was issued for public comment on September 15, 2004 and the ROD is scheduled to be signed in 2005. EPA OU-10: OE at Ranges 43-48, Range 30A, and Site OE-16 Ranges 43-48 cover approximately 498 acres to the south of Eucalyptus Road in the south-central portion of the former Fort Ord. The majority of the site is designated as habitat reserve and will remain undeveloped (473 acres), and a limited portion of the site (25 acres) will be developed and reused. These ranges were part of the former Fort Ord’s Multi-Range Area (MRA) and are categorized as firing ranges where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Vegetation at Ranges 43-48 mainly consists of central maritime chaparral (CMC) with some grassland areas. Training facilities maps indicate these ranges were used for a variety of live fire exercises from the 1940s through the 1990s. Records and recent field investigations indicate the ammunition used at these ranges included 4.2-inch, 60mm, and 81mm mortars; 14.5mm subcaliber projectiles; 35mm subcaliber rockets; 90mm recoilless rifle rounds; 84mm high explosive antitank (HEAT) projectiles; 40mm high explosive (HE) grenades; 66mm light antitank weapon (LAW); small arms; practice anti-personnel mines; dragon guided missiles; practice claymore mines; and fragmentation hand grenades. The former firing ranges contain sensitively fuzed, highly dangerous OE present on the ground surface or at shallow depths below the ground. As described above, numerous types of OE ranging from hand grenades to 90mm recoilless rifle rounds are known or suspected to be on the site. During recent limited surface removals in 2001, thousands of OE items were recovered at Ranges 43-48. This Interim Action site is adjacent to (less than 4,000 feet from) residential neighborhoods at Ord Military Community (Fitch and Marshall Parks) and is near the City of Seaside. The Fitch and Martin Luther King Jr. Middle Schools are located less than a mile from Ranges 43-48. Existing site security measures include: four-strand barbed-wire fencing with one to two rolls of concertina wire behind it, chain link gates reinforced with concertina wire, and warning signs posted approximately every 500 feet along the fencing. In the last three years, five documented incidents of persons trespassing into the Ranges 43-48 site occurred. In 1999, there were two documented cases of children entering the fenced MRA at Ranges 44 and 45, and collecting and removing 40mm practice grenades found on the ground surface. Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. The majority of this Interim Action site is designated as habitat reserve and will remain undeveloped. Future reuse of Transfer Parcel E21b.3 is development. Range 30A includes approximately 388 acres located in the southeastern portion of the MRA, approximately 1,500 feet north of South Boundary Road and to the west of Barloy Canyon Road. The Interim Action site was identified based on the presence of 40mm HE projectiles and is designated as habitat reserve. Range 30A is part of the former Fort Ord MRA and is categorized as a firing range where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Vegetation at Range 30A mainly consists of CMC with some
grassland areas. Range 30A was constructed in 1990 as a 40mm machine gun range and was in use until 1993. According to the Fort Ord Training Ranges Standard Operating Procedure (SOP), the only weapon authorized for use at Range 30A from 1991 and 1992 was the MK19 40mm machine gun, Mod 3. Ammunition authorized for use at Range 30A included HE, high explosive dual purpose (HEDP) and target practice (TP). Range 30A is known to contain sensitively fuzed, highly dangerous 40mm grenades and evidence of 60mm and 81mm mortars and 37mm, 75mm, 155mm, and 8-inch projectiles. Limited surface removals in 2001 in the accessible areas of Range 30A have recovered hundreds of whole or partial OE and OE scrap items. The Range 30A Interim Action site is located in close proximity (approximately 2,200 feet north) to the Laguna Seca residential area and Laguna Seca Golf Course, and less than a mile from the Laguna Seca Raceway.

South Boundary Road, located approximately 2,000 feet to the south, is open to vehicular traffic during events at Laguna Seca Raceway and is always open to the public for jogging, hiking, and biking. This range was part of the former Fort Ord’s MRA and is categorized as a firing range where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Existing access deterrents include: four-strand barbed-wire fencing with one to two rolls of concertina wire behind it, chain link gates reinforced with concertina wire, and warning signs posted approximately every 500 feet along the fencing. In 2001 alone, two incidents of damaged fencing that may have been caused by trespassers occurred within 2,000 feet of Range 30A (near Range 30), and three other incidents of fence damage were reported within 4,000 feet of the range (near Range 29). Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. As part of the closure of the former Fort Ord, the MRA will be transferred to the BLM and most of the MRA will remain undeveloped as habitat reserve. The habitat management plan (HMP) presents the revised boundaries of the habitat reserve areas and describes special land restrictions and habitat management requirements for target species within the reserve areas. Management of the habitat reserve area will fall under the jurisdiction of BLM. Site OE-16 includes approximately 80 acres located immediately north of the former Fort Ord MRA, between Eucalyptus and Parker Flats roads and bounded by Watkins Gate Road to the east (Plate 5). This site will become habitat reserve and will remain undeveloped.

The Bureau of Land Management (BLM) land (immediately adjacent) is open to the public for hiking, biking, jogging, and horseback riding. Site OE-16 is surrounded by a temporary 6-foot high chain linked fence. The site is posted with signs warning of the dangers associated with unexploded ordnance. Vegetation at Site OE-16 mainly consists of CMC with some grassland areas. Site OE-16 is a World War II (WWII) era rocket range, and is identified as a "bazooka practice" area on Fort Ord Training Facilities maps dating from 1945 and 1946. Available training maps after 1946 do not identify the bazooka practice area. According to Fort Ord Range Control, this range was probably used as an antitank rocket range during and shortly after WWII.

Available information indicates that Site OE-16 had been used for training and live fire exercises from approximately the 1940s until the time the base was officially closed in 1994. Practice and HEAT rockets and rifle grenades were used in the 1940s and possibly the early 1950s. The site was later used for a portion of time as an antiarmor training area. Evidence from the site indicates that both practice and HEAT rounds were used. Site OE-16 contains sensitively fuzed, highly dangerous OE, such as HEAT projectiles, present on the ground surface or at shallow depths below the ground. During recent limited surface removals in 2001, hundreds of OE items, including expended and live 2.36-inch rockets (practice and HEAT), practice antitank mines, rifle grenades, hand grenade fuzes, and OE scrap were recovered. Site OE-16 is located adjacent to the MRA and land that has been transferred to the BLM. The BLM land
is open to the public for hiking, biking, jogging, and horseback riding. Site OE-16 is surrounded by a temporary 6-foot high chain linked fence posted with signs warning of the dangers associated with unexploded ordnance. The site is in close proximity to a residential neighborhood (Fitch Park) on the former Fort Ord. In 2001, an incident of persons trespassing within the MRA adjacent to Site OE-16 was reported. In addition, five incidents of trespassing into the MRA adjacent to Site OE-16 occurred within the last three years. Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. The land that includes Site OE-16 will be transferred to the BLM and will remain undeveloped as habitat reserve. The HMP for former Fort Ord presents the revised boundaries of the habitat reserve areas and describes special land restrictions and habitat management requirements for target species within the reserve areas. Management of the habitat reserve area will fall under the jurisdiction of BLM. An Interim Action Record of Decision addressing OE at EPA OU-10 was signed in September 2002. Operable Unit 10: MRS-3 Based on the MRS-3 sampling results, a MEC removal to four feet bgs was recommended per the Final Phase I Engineering Evaluation/Cost Analysis (Phase I EE/CA). In March of 1998, USA conducted a MEC removal to four feet bgs using the Schonstedt Model GA-52/Cx magnetometer at MRS-3, with all detected anomalies investigated. During this munitions response, 58 100- X 100-foot grids and partial grids were investigated. 167 MEC items were removed. In addition, 312 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed of recycled. Items removed included numerous practice mortars (MD), and signals, simulators, and practice mines (MEC and MD). The military munitions found at MRS-3 were consistent with the reported historical use of the MRS for practice mortar training, demolition training, landmine warfare, and anti-armor training. MRS-4B To determine whether a removal action was required at MRS-4B, USA performed a subsurface sampling investigation (SiteStats/GridStats sampling; SS/GS). In December of 1997, 5 100- X 200-foot grids were surveyed using a Schonstedt GA-52/Cx magnetometer with a maximum search lane width of 5 feet. Following the survey, anomalies were selected for sampling following the SS/GS procedures. During this investigation, three smoke grenades that were considered to be MEC were recovered. In addition, several other items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Based on the investigation’s results, a decision was made to conduct a MEC removal to four feet bgs. The MRS was subsequently subdivided into 48 100- X 100-foot removal grids. A MEC investigation using the Schonstedt Model GA-52/Cx magnetometer was conducted with all MEC detected removed. During this munitions response, 211 MEC items were removed. In addition, 293 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Most of the items found at MRS-4B were consistent with the reported historical use of the MRS for Chemical, Biological, and Radiological (CBR) training with grenades containing irritant smoke, and general military training with simulators, illumination and smoke signals, blasting caps, and fuzes. MRS-13B Based on the Human Factors Application, Inc. (HFA) 1994 MRS-13B investigation results, a MEC removal to four feet bgs was recommended per the Final Phase I EE/CA. From August 1995 to April of 1998, USA conducted an investigation for MEC using the Schonstedt Model GA-52/Cx magnetometer. Portions of MRS-13B were either not geophysically investigated or only underwent a surface geophysical investigation. Pavement and structures associated with the Army Maintenance Center that is located within the parcel precluded evaluation of 35.5 acres of MRS-13B. Additionally, only a surface removal was conducted at a small portion (approximately 1 acre) of the Army Maintenance Center because of the proximity of metal fencing and underground
utilities. Approximately 7 grids within the Park and Ride were also not geophysically investigated because of the presence of asphalt pavement. A removal action was performed over 654 100- X 100-foot grids and partial grids. During this munitions response, 267 MEC items were removed. In addition, 1,310 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. A significant number of the MD items were expended 3.5-inch practice rockets that were found in burial pits. The MEC items removed included rockets, pyrotechnics (simulators, flares and signals), smoke grenades, fuzes, and projectiles of various sizes. Numerous burial pits that contained both DMM and MD were discovered at MRS-13B at depths ranging from a few to 48 inches bgs. The DMM and MD recovered from burial pits included grenade and mine fuzes, firing devices, pyrotechnics (signal, illumination and smoke), rockets, rifle and hand smoke grenades, blasting caps, simulators, and rifle grenades. On the basis of the results of the removal, no further action was recommended. During this removal action, two partial Chemical Agent Identification Sets (CAIS) were also found. The 2 cardboard tubes recovered, each containing 12 intact glass vials, were discovered adjacent to metal canisters buried at depths of 1 and 1.5 feet. The Army’s Technical Escort Unit from Dugway Proving Ground, Utah, recovered these CAIS. Based on the initial chemical analysis, 12 vials were disposed through the Fort Ord Defense Reutilization and Marketing Office (DRMO), with the remaining vials transferred to Aberdeen Proving Grounds, Maryland for further analysis. MRS-27A, B, and G MRS-27A, MRS-27B, and MRS-27G are part of a group of 25 training sites identified on a 1984 training map that were used for overnight bivouac (camping). Based on historical evidence of munitions used in such areas, it was believed that blank cartridges, simulators, pyrotechnics, and smoke producing munitions could be found in these areas. The boundaries of MRS-55 overlap with the boundaries of MRS-27A and MRS-27B; therefore, the MEC removal to four feet bgs that was conducted at MRS-55 also covered a portion of MRS-27A and MRS-27B. Review of the MRS-55 data indicated that two practice rifle grenades, hand grenade fuzes, and practice hand grenades, flares, signals, and a pyrotechnic mixture were identified within the MRS-27B or 27A boundaries. Items found within MRS-27A and MRS-27B were generally of the types associated with overnight bivouac training sites and general maneuver areas. The expansion of the investigation and MEC removal to four feet bgs at MRS-53 south to Eucalyptus Road included a portion of MRS-27G. The items found within MRS-27G were generally of the types associated with overnight bivouac training sites and general maneuver areas. Within MRS-27G’s boundaries a small number of 75 millimeter (mm) and 37mm items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. These munitions were most likely associated with training that occurred prior to establishing the area as a bivouac training site. MRS-37 Based on the results of a site walk conducted by a USACE UXO Safety Specialist of adjacent MRS-55, additional characterization was conducted at MRS-37. SS/GS sampling was completed to determine the extent to which military munitions were present. In March 1998, 10 100- X 200-foot grids at MRS-37 were surveyed using a Schonstedt GA-52/Cx magnetometer with a maximum search lane width of 5 feet. Following the survey, anomalies were selected for investigation following SS/GS procedures. GridStats sampling operations in MRS-37 involved investigation of 1,833 anomalies within the 10 grids. Although MEC was not recovered, 29 pounds of debris was removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. In June 1998, to determine whether MEC removal was required, 100 percent grid sampling was performed around the GridStats grids with significant amounts of MD. During this investigation, 18 100- X 100-foot grids were surveyed using Schonstedt Model GA-52/Cx magnetometers. All detected anomalies were investigated. The 18
grids included 2 blocks of 9 grids measuring 300- X 300 feet. During this investigation, 2 MEC items (i.e., an illumination signal and 37mm projectile) were removed. In addition, 84 pounds of debris was removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Based on the sampling results a decision was made to conduct a MEC removal to four feet bgs. This MRS was subsequently subdivided into 240 100- X 100-foot removal grids. An investigation for MEC was conducted using the Schonstedt Model GA-52/Cx magnetometer, with all detected MEC removed. 50 MEC items were removed. In addition, over 1,100 other items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Several 37mm projectiles (MEC) and 37mm fragments were also removed, suggesting that the area was used for 37mm training prior to the 1940s. Simulators, practice hand grenades, blasting caps, and a smoke pot were also removed, suggesting that the area was also used for maneuvers and general training after the 1940s. MRS-40 To determine whether a removal action was required at MRS-40, USA completed a subsurface investigation following SS/GS procedures. In October 1997, the boundary of MRS-40 was surveyed and 2 100- X 200-foot grids were surveyed using a Schonstedt Model GA-52/Cx magnetometer with a maximum search lane width of 5 feet. MRS-40 consists of approximately 1.7 acres and the 2 grids covered over half of the MRS. Consistent with SS/GS procedures, 151 anomalies were investigated. Although MEC was not found, 3 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Nothing was found during the investigation to indicate that MRS-40 was used as a CBR training area. All of MRS-40 was later incorporated into the removal action conducted at MRS-50. All grids within MRS-40 underwent a MEC removal to four feet bgs. The removal action results are included in the MRS-50 discussion below. MRS-50 In 1998, USA completed a subsurface investigation of MRS-50 using a Schonstedt Model GA-52/Cx magnetometer, of 22 100- X 100-foot grids during which all detected anomalies were investigated and a MEC removal to 4 feet bgs was conducted during this response, 26 MEC items were removed. In addition, 149 pounds of debris was removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Of the 26 MEC items recovered, 2 munitions (a MK I 75mm Shrapnel projectile, which was found at a depth of 1 foot, and a 3-inch Stokes practice mortar, which was found at a depth of 1.5 feet) were penetrating projectiles. Based on the results of this investigation, a MEC removal to four feet bgs was performed by USA at MRS-50 starting in September 1998 and continuing through December 2000. Removal operations were conducted on the remaining 166 100- X 100-foot grids and 61 partial grids within MRS-50. As the removal grids within the boundary of MRS-50 were completed, USAGE and USA developed a proto to be used to expand the investigation of additional areas beyond the boundaries of an MRS. The protocol specified conducting additional investigation and removal 200 feet beyond the location of any projected military munitions, and 100 feet beyond the location of all thrown or placed military munitions. The protocol also considered significant discovery of MD as a reason for additional investigation and removal of the surrounding area. Application of the expansion protocol added approximately 85 acres to the investigation conducted at MRS-50 (MRS-50 expansion). The expansion of MRS-50’s investigation extended west to Parker Flats Cut Off Road, east to the boundary of MRS-53, south to Eucalyptus Road (including MRS-40), and to the north to an arbitrary line established by the USAG. The MRS-50 expansion included MEC removal to four feet bgs (all anomalies detected were investigated) within a few grids on the west side of Parker Flats Cut Off Road (outside of the MRA, within and adjacent to MRS-44). However, a decision was made to not continue MRS-50’s investigation beyond the MRA under the current removal contract. During this response, 936 MEC items
were removed. The majority of these items were non-penetrating (e.g., pyrotechnics, grenades, and grenade and projectile fuzes) munitions. The penetrating military munitions found included projectiles, rifle grenades, and rockets. Both DMM and MD were found in numerous burial pits that were discovered at depths ranging from a few to 48 inches bgs. The After Action Report (AAR) indicated that it is possible, but not probable, that DMM that was buried beyond the detection capabilities of the Schonstedt Model GA-52/Cx remains buried within MRS-50 and the MRS-50 expansion areas. The AAR also stated that there was a strong indication that penetrating military munitions could be beneath the surface of Parker Flats Cut-Off and Eucalyptus Road. MRS-52 MRS-52 (Rifle Grenade and Projectile Target Area) was identified during interviews conducted during the Preliminary Assessment/Site Inspection (PA/SI) phase of the Fort Ord Archives Search. The location was reportedly used as a rifle grenade (unknown type) and shoulder-launched projectile target area (unknown type). A site walk was conducted in 1996 by the USAGE UXO Safety Specialist, which involved walking portions of the sites and sweeping the path walked using a Schonstedt Model GA-52/Cx magnetometer. During the walk in the central and northern portion of MRS-52, no evidence of MEC was observed, only expended blank small arms ammunition was found. During the walk of the southern portion of MRS-52, fragmentation consistent with 37mm projectiles and three MIO practice antitank (AT) mines were found. On the basis of the site walk, the Revised ASR recommended further investigation in the vicinity of the AT mines. As described below, an expansion of the MRS-53 removal action covered the previously identified MRS-52 site boundaries. A description of the items found during the MRS-53 removal action including the expansion area is provided below. MRS-53 In June 1998, USA performed a subsurface investigation of MRS-53 for MEC. During this action USA investigated all detected anomalies at 52 100- X 100-foot grids using a Schonstedt Model GA-52/Cx magnetometer. During this investigation, 19 MEC items were removed. In addition, 453 pounds of debris was removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. 10 of the MEC items were determined to be practice mortars, and the remainder were non-penetrating pyrotechnics and explosives. Based on the investigation’s results, USA conducted a MEC removal to four feet bgs at MRS-53 beginning in September 1998 and continuing through December 2000. USA also conducted removal operations on 1,305 full and partial grids within MRS-53 where investigation had not been conducted. As the removal grids within the boundary of MRS-53 were completed, USA and USA developed a protocol to be used to expand the investigation of additional areas beyond the boundaries of an MRS. The protocol specified conducting additional investigation and removal 200 feet beyond the location of any projected military munitions, and 100 feet beyond the location of all thrown or placed military munitions. The protocol also considered significant discovery of MD as a reason for additional investigation and removal of the surrounding area. Application of the expansion protocol added approximately 192 acres to the investigation conducted at MRS-53 (MRS-53 expansion). The expansion of the investigation of MRS-53 extended west to the MRS-50 removal boundary, east to the western boundaries of MRS-3, MRS-37 and MRS-55 (including MRS-52), southeast to the BLM property boundary, south to Eucalyptus Road (including MRS-27G), and to the north to an arbitrary line established by the USAGE. During this removal, 1,291 MEC items were found and removed. The MEC found included non-penetrating items (e.g., pyrotechnics, grenades, and grenade and projectile fuzes) and projectiles the majority of which were 3-inch Stokes practice mortars. Numerous burial pits were discovered during the removal conducted at MRS-53. Both DMM and MD were found in burial pits at depths ranging from a few to 48 inches bgs. The DMM and MD recovered from these pits included fuzes (grenade, mine, time, and projectile), signals, practice mines (antitank and antipersonnel), projectile.
The AAR indicated that it is possible, but not probable, that DMM that was buried beyond the detection capabilities of the Schonstedt Model GA-52/Cx remains buried within MRS-53 and the MRS-53 expansion areas. The AAR also stated that there is a strong indication that penetrating military munitions could be beneath the surface of Parker Flats Road and Eucalyptus Road. MRS-54EDC In March 1999, USA investigated all detected anomalies at 7 100- X 100-foot grids at MRS-54EDC using a Schonstedt Model GA-52/Cx magnetometer. During this investigation, 4 non-penetrating military munitions items were removed. In addition, 16 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. The non-penetrating MEC items were found at depths ranging from 6 to 36 inches bgs. On the basis of the investigation’s results, a MEC removal to four feet bgs was conducted at MRS-54EDC beginning in June 1999. MRS-54EDG was surveyed using a Schonstedt Model GA-52/Cx magnetometer. The site was divided into 83 100- X 100-foot grids and partial grids. During the investigation, all detected anomalies were investigated and 14 non-penetrating MEC items (flares, ground illumination signals, simulators, smoke grenades, and blasting caps) were removed. In addition, numerous MD items were also removed. MRS-55 Based on the results of a site walk conducted by a USAGE UXO Safety Specialist of MRS-55, additional characterization was conducted at the site. SS/GS sampling was completed to determine the extent of any MEC present. In March 1998, 23 100- X 200-foot grids were identified at MRS-55. Subsequently, 19 of these grids were surveyed using a Schonstedt Model GA-52/Cx magnetometer with a maximum search lane width of 5 feet. Following the survey, anomalies were selected for investigation following the SS/GS procedures. During the investigation, 6 MEC items (4 practice grenade fuzes, an illumination signal and a rifle-fired smoke grenade) were removed. In addition, 11 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Based on the results of the SS/GS sampling, a decision was made to conduct a MEG removal to four feet bgs. Starting in March 1999, USA investigated all detected anomalies during a MEC removal to four feet bgs on 282 100- X 100-foot grids and partial grids. The removal effort stopped at the boundary of MRS-55. 144 MEC items were removed. In addition, 1,779 items were removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Of the 144 MEC items recovered, only 5 were penetrating military munitions (40mm and 37mm projectiles). The remainder of the MEC recovered were fuzes, signals (flares and illumination), simulators, hand grenades (smoke, riot, and practice), and pyrotechnic mixtures. Numerous burial pits were discovered during the removal conducted at MRS-55. Both DMM and MD were found in burial pits at depths ranging from a few to 36 inches bgs. The DMM and MD recovered from these pits included grenade fuzes, signals, projectile simulators, smoke pots, and rifle grenades (practice). The AAR indicated that it is possible, but not probable, that DMM that was buried beyond the detection capabilities of the Schonstedt Model GA-52/Cx remains buried within MRS-55. The future land uses are primarily based upon the FORA March 1997 Fort Ord Base Reuse Plan and the July 1995 USAGE and BLM Site Use Management Plan (SUMP). Other sources of future land use information include public benefit conveyance, negotiated sale requests, transfer documents, and the Installation-Wide Multispecies Habitat Management Plan for Former Fort Ord, California. The Reuse Plan identified approximately 20 land-use categories for the former Fort Ord. These include habitat management, open space/recreation, institutional/public facilities, commercial, industrial/business park, residential, tourism, mixed use, and others. Preliminary plans have been developed for parcels within the Parker Flats MRA; however, planning continues and future uses may be modified. Under the Base Reuse Plan, currently
anticipated future use of the property in the southern portion of the Parker Flats MRA includes the establishment of a veterans’ cemetery, an emergency vehicle operations center (EVOC) for Monterey Peninsula College, and habitat reserve areas. In the northern and southern portions of the Parker Flats MRA, two areas are designated for “development reserve” that could include residential development. The proposed use of the rest of the northern portion of the Parker Flats MRA includes development of a maintenance center for Monterey Salinas Transit (MST), an Army maintenance center, a park and ride, and public facilities for Monterey County. Additionally, a small part will be used for the CSUMB Expansion Area. Portions of the Parker Flats MRA also include plans for a horse park. Within the Parker Flats MRA, there are two areas (i.e., the CSUMB Expansion parcel and the MRS-13B Habitat Reserve parcel) (approximately 2 acres) that are not included in this ROD. These areas will be addressed in a separate decision document that addresses adjacent parcels. Therefore, of the 758 acres comprising the Parker Flats MRA that was evaluated in the Remedial Investigation/Feasibility Study, the reuse areas included in this Record of Decision (ROD) total approximately 756 acres. All of the proposed reuse scenarios could result in ground disturbing activities (e.g., during construction/excavation). A ROD addressing Operable Unit 10 was completed in August 2008. The first prescribed burn took place on October 24, 2003. The burn escaped the initial boundaries and 1000 acres was burned. The Army is studying the October 2003 burn to understand both what went right and what went wrong. Ordnance has been cleared from the surface of the entire burned area and subsurface clearance is ongoing. The next prescribed burn is scheduled to take place in 2005. OU-10 Track 2 Sites: Track 2 sites are sites where munitions and explosives of concern were found and a removal action was conducted to clean it up. The first of several Track 2 RI/FS reports is due to be issued in 2005 for the area of Fort Ord known as Parker Flats. EPA Operable Unit 10: Del Rey Oaks (Track 2 Site) Track 2 sites are those sites where MEC was found and a munitions response (MEC removal) action was conducted. The Track 2 site known as the Del Rey Oaks MRA contains portions or all of three munitions response sites (MRSs) that were suspected to have been used for military training with military munitions. The Del Rey Oaks MRA is approximately 324 acres in size and located between the southwestern edge of Fort Ord and the Impact Area MRA. The land comprising the Del Rey Oaks MRA was purchased by the Government in 1917. The Del Rey Oaks MRA is primarily undeveloped. Three MRSs comprise the Del Rey Oaks MRA (Munitions Response Site [MRS]-15 DRO 01, MRS-15 DRO 02, and a portion of MRS-43). Portions of these MRSs were used for live-fire training (e.g., artillery, rockets), and other military training that may have included the use of military munitions. To facilitate safe travel within the Impact Area, removal actions were performed to depth over 100 percent of the road surface within selected portions of the Impact Area. Many of these roads were informally named for tracking purposes. Canister, Flechette, and Napalm roads are within the northern portion of MRS-15 DRO 01. During this munitions response, neither MEC nor munitions debris (MD) was discovered on the three roads. Between May and July of 1998, 30-foot wide fuel breaks were developed along the eastern boundaries of MRS-15 DRO 01 and MRS-15 DRO 02, as well as along the western and southern borders of the Del Rey Oaks Munitions Response Area (MRA). The fuel break areas were divided into contiguous 30- by 110-foot grids, and a MEC removal to four feet below ground surface (bgs) was conducted. During this munitions response, four MEC items were found and removed. An additional 25 items were recovered, inspected, determined to be MD that did not pose an explosive hazard, and removed. Between March 1998 and July 1999, a removal action was conducted within portions of MRS-15 DRO 01 during site preparation for remediation of spent small arms target areas and staging areas in Ranges 24, 25, and 26. A removal action was conducted on a total of sixty 100- by 100-foot grids and
portions of seven additional grids where it was determined that military
munitions other than small arms ammunition may also be present in the vicinity
of Range 24. During this munitions response, 60 MEC items were found and
removed. An additional 974 items were recovered, inspected and determined to be
MD that did not pose an explosive hazard, and removed. Based on previous
work, four areas of concern were identified for MEC removal actions as
presented in two Notices of Intent (NOIs). Removal actions were conducted
throughout the two NOI areas using a Schonstedt magnetometer. In addition, each
grid within the entire Del Rey Oaks MRA, including the NOI areas and previously
investigated grids, was re-surveyed using geophysical equipment (i.e., the
EM61, EM61 hand held, Schonstedt magnetometer, or the G-858 magnetometer). The
Schonstedt magnetometer was used to survey grids where digital equipment could
not be used due to accessibility issues related to terrain or vegetation. The
vegetation and terrain of the individual grids dictated the selection of the
appropriate geophysical instrument for each grid. During this munitions
response, a total of 149 MEC items were found and removed. An additional 2,385
items were recovered, inspected, determined to be MD that did not pose an
explosive hazard, and removed. Analog Quality Control (QC) audits over ten
percent of all completed geophysically surveyed grids were performed using a 4
step plan as presented in the contractor work plan. No QC deficiencies were
noted in the After Action Report. The U.S. Army Corps of Engineers (USACE) UXO
Safety Specialists conducted final QA inspections in the Del Rey Oaks MRA. All
grids within the Del Rey Oaks MRA passed U.S. Army Engineering Support Center,
Huntsville (USAESCH) QA inspection standards and were accepted by the
USACE. After NOI removals were completed, three additional areas were
identified as requiring an additional removal action. These areas, which were
the easternmost portion of MRS-15 DRO 01 and MRS-15 DRO 02 (known as the
eastern boundary area), the Range 26 berm (known as the 11-Grid Area), and an
area to the west of the Range 26 berm (known as the Machine Gun Link Area), are
further described below. These areas were identified because: (1) the digital
geophysical investigation that was to be completed over transfer parcels E29a
and E29b.i stopped short of the parcel boundaries at the eastern MRS boundary;
and (2) it was believed that MEC potentially remained in the subsurface of the
11-Grid Area and Machine Gun Link Area. These additional removal actions are
described below. A geophysical survey and MEC removal action was completed
over a 30-foot wide, 2-mile long strip of land that included 3.3 acres of the
eastern boundary of MRS-15 DRO 02. Schonstedt magnetometers were used to survey
the area. During this munitions response, eight MEC items were found and
removed. An additional two items were recovered, inspected, determined to be MD
that did not pose an explosive hazard, and removed. The area was then
re-surveyed using digital geophysical instruments. No MEC was encountered
during the re-survey and digital geophysical investigation. However, over 71
pounds of debris were recovered, inspected, determined to be MD that did not
pose an explosive hazard, and removed. With the exception of one grid, all
103 grids in the eastern boundary investigation area passed the QC inspections.
The grid failure resulted from the finding of the aluminum body of an
illumination signal during the QC inspection. This finding, and the items
encountered during QC on the 11-Grid Area of the Range 26 berm (described
below) that were inspected and determined to be MD that did not pose an
explosive hazard, led to a corrective action mandating the use of digital
geophysical equipment along with analog equipment to recheck excavations to
ensure MEC was removed from the excavated areas. Because the Range 26 berm
area had previously been determined to be a manmade structure and to have
significant amounts of metallic clutter, it was determined that there was a low
probability of detecting MEC within four feet bgs and a moderate potential for
detecting MEC below four feet bgs. Based on this information, the berm was
removed in 1-foot lifts until the Project Team (the Army, EPA, and DTSC)
determined that the level of the berm matched the contours of the preexisting terrain. Approximately five feet of soil from the berm was removed and deposited over an area covering 22 grids north, and east of the berm. The Range 26 berm work area (comprised of the berm [11 grids] and the adjacent areas where the berm material was deposited [22 grids]-[33 grids total]) was then investigated using digital geophysical equipment to detect and locate potential subsurface MEC. All anomalies encountered were investigated; one MEC item was found and 7,941 pounds of range-related debris that was inspected, and determined not to pose and explosive hazard were removed. During the anomaly excavations that followed the removal of the berm material, layers of machine gun links were found below the newly exposed surface in some areas. This indicated that an insufficient amount of soil had been removed, and that the newly exposed surface did not match the contour of the original terrain (before the berm was first constructed) in some areas. During QC, items that were inspected and determined to be MD that did not pose an explosive hazard were found and removed. It was determined that the metallic clutter in the berm material covering the areas adjacent to the berm prevented the QC equipment from detecting larger anomalies near the clutter. These findings led to a corrective action mandating the use of digital geophysical equipment along with analog equipment to recheck excavations to ensure that any MEC present and detected was removed. The Army’s assessment of the removal data and QC/QA information indicated that the 11-Grid Area within Range 26 had uncertainties associated with the removal due to metallic clutter in the area. Machine gun links were removed from approximately 2.5 acres comprising 12 grids in the western portion of Range 26 within MRS-15 DRO 01, immediately west of the berm area. The area was excavated to between three and four feet below the original surface, until links were no longer visible. During this work, links were observed in grids north and west of the work area, and the original 9-grid work area was expanded to include three additional grids. After excavation, the 12 grids were digitally surveyed and the resulting anomalies were investigated. No MEC was found. Three pounds of debris that was recovered, inspected, determined not to pose an explosive hazard, and 2,740 pounds of range-related debris was removed. The individual investigations and removals described in this section may have only covered a portion of the Del Rey Oaks MRA; however, after these actions had been completed, the entire Del Rey Oaks MRA had been surveyed, with all MEC detected removed. Currently, the land comprising the Del Rey Oaks MRA is undeveloped. The planned future land uses are primarily based upon the FORA Fort Ord Base Reuse Plan and the Installation-Wide Multispecies Habitat Management Plan for Fort Ord. The Reuse Plan identified approximately 20 land-use categories for the former Fort Ord. These include habitat management, open space/recreation, institutional/public facilities, commercial, industrial/business park, residential, tourism, mixed use, and other uses. The Reuse Plan for the Del Rey Oaks MRA, which was put forth when the area was identified for early transfer, includes a visitor serving area, an office park, a business park, and a light industrial area, although the specific development plan was not presented. The City of Del Rey Oaks and FORA requested early transfer of the Del Rey Oaks MRA. The Army conducted munitions response actions, developed the FOSET, and transferred the property under early transfer authority with EPA and State concurrence. As part of this early transfer, the Army entered into a State Covenant to Restrict Use of Property with DTSC, with which the City of Del Rey Oaks agreed. This Covenant prevented the following types of use for the entire Del Rey Oaks MRA: residential use, day care facilities that do not have measures to prevent contact with soil, schools for persons under 21 years of age, and hospitals (other than veterinary hospitals). More recently, DTSC and the City of Del Rey Oaks have discussed removing the restriction on residential use. As part of the environmental review process, the City of Del Rey Oaks...
issued the Draft Initial Study and Mitigated Negative Declaration for the City of Del Rey Oaks Housing Element and Amendments to the General Plan, Redevelopment Plan, and Zoning Ordinance in 2006; however, the City of Del Rey Oaks is now preparing an Environmental Impact Report for that project. Transfer parcels E29a and E29b, which correspond to parcels MRS-15 DRO 01 and MRS-15 DRO 02, respectively, are identified as Borderland Development Areas along a Natural Resources Management Area (NRMA) Interface in the Installation-Wide Multispecies Habitat Management Plan for Former Fort Ord, California. Therefore, future property owner(s) must comply with specific use restrictions and/or conservation, management, monitoring, and reporting requirements, as outlined in the early-transfer Deed. Currently, the proposed reuse of these parcels includes the development of a resort hotel and golf course and associated infrastructure. This land use is expected to include recreational uses, including golfing. Residential reuse within portions of the Del Rey Oaks MRA is also being considered. Construction workers (e.g., maintenance workers) are expected to be involved in each of these reuses. Commercial/retail facilities and offices are planned for the portion of MRS-43 within the Del Rey Oaks MRA. For this land use type, indoor workers, and outdoor construction and maintenance workers are anticipated. Although additional MEC is not expected to be encountered within these MRSs, it is possible that some MEC may not have been detected and remains present. Because a future land user (e.g., worker, resident, or visitor) may encounter MEC at the Del Rey Oaks MRA, the Army conducted the Del Rey Oaks MRA Remedial Investigation/Feasibility Study to evaluate remedial alternatives to address this potential risk, which is considered low, to future land users. A Record of Decision addressing Del Rey Oaks Munitions Response Area (MRA) (EPA Operable Unit 11) was completed in November 2008. Operable Unit 11 (Impact Area Munitions Response Area - Track 3) The Impact Area MRA consists of approximately 6,560 acres in the southwestern portion of the 8,000 acre historic Impact Area that is currently identified for transfer to the Bureau of Land Management (BLM) as habitat reserve. The historical Impact Area is bounded by Eucalyptus road to the north, Barloy Canyon Road to the east, South Boundary Road to the south, and General Jim Moore Road to the west. The Impact Area MRA includes all of Munitions Response Site (MRS)-BLM, and a portion of MRS-Ranges 43 through 48. It does not include: (1) the development areas on the outer edges of the historical Impact Area (including MRS-15 SEA 01 through 04, MRS-15 DRO 01, MRS-15 DRO 01A, MRS-15 DRO 02, MRS-15 DRO 02A, MRS-15 MOCO 01, MRS-15 MOCO 02, MRS-46, or MRS-47); (2) the Monterey Peninsula College (MPC) development parcels and the MPC Habitat Reserve parcels; (3) the Military Operations on Urbanized Terrain (MOUT) (MRS-28); or (4) BLM Headquarters (MRS-35). Range 30A and a portion of Ranges 43 through 48 are included within the boundaries of the Impact Area MRA. These ranges were previously identified for Interim Action in the Record of Decision. Interim Action for Ordnance and Explosives at Ranges 43-48, Range 30A, and Site OE-16, Former Fort Ord, California (Interim Action ROD: Army, 2002), and the implementation of MEC remediation under the Interim Action ROD at these ranges are at varying levels of completion. The land comprising the historical Impact Area was purchased by the Government in 1917. The Impact Area MRA is primarily undeveloped. Former land use included live-fire training with military munitions. Multiple firing ranges operated within the historical Impact Area; generally, weapons fire was directed toward the center of the historical Impact Area. A Record of Decision addressing this operable unit was prepared in May 2008. EPA OU-12: Carbon Tetrachloride Plume The Army has initiated a remedial investigation/feasibility study of another area of groundwater contamination, the so-called "carbon tetrachloride plume operable unit", near the City of Marina. Contaminants slightly above regulatory standards have been found in offsite groundwater. This area of contamination is not being used for
drinking water. Potential source areas are also being investigated. A soil vapor sampling and extraction system pilot study was conducted in 2004 to address the vadose zone above the carbon tetrachloride plume area. The pilot study was very successful and appears to have removed significant mass from the vadose zone. The Army expects to complete the draft Remedial Investigation/Feasibility Study Report for the carbon tetrachloride plume operable unit in 2005. The apparent source of the Operable Unit Carbon Tetrachloride Plume (OUCTP) is located on what is now Lexington Court, a residential area in the northern portion of the former Fort Ord. A groundwater contaminant plume emanating from this area ultimately extends across a large area bounded by Del Monte Boulevard, Abrams Drive, Neeson Road, and Blanco Road. This area encompasses the lateral extent of carbon tetrachloride (CT) detected in three different aquifers up to 550 feet below ground surface (bgs). No records exist to indicate exactly when, how often, or how much CT may have been used, stored, or disposed of; however, by delineating the areas of highest concentration in the groundwater and in the soil vapor (or “air” within the pore spaces of the unsaturated subsurface), the apparent CT disposal location has been identified. Historical practices (cleaning electronic equipment and radios) gleaned from personal interviews and the knowledge that CT was a very commonly-used solvent from the 1940’s through the 1960’s, lead to the hypothesis that used CT was likely disposed of to the ground over a period of years at a former training facility in the vicinity of what is now Lexington Court, Marina. Activities associated with this facility, which is reported to have stored CT cleaning solvent in five-gallon cans, presumably included the use and disposal of CT. The groundwater was identified as three separate aquifers: the A-aquifer, the Upper-180 foot aquifer and the Lower 180-foot aquifer. Groundwater within the OUCTP currently is not used by residents within the Fort Ord area for domestic household purposes. Groundwater within the OUCTP is located in a “Prohibition Zone” within which the installation of new supply wells is prohibited by Monterey County. According to the Monterey County Code, a Prohibition Zone is an area overlying or adjacent to a contaminant plume where water well construction is prohibited and applications for water supply wells will not be accepted. Therefore, direct contact groundwater exposure pathways for residents potentially exposed to groundwater within the OUCTP are currently incomplete and are expected to remain so in the future. For the evaluation of hypothetical future conditions, all exposure pathways associated with the groundwater are considered complete for evaluation purposes only. Drinking water in the Fort Ord area is provided by the Marina Coast Water District (MCWD) and is pumped from wells that are located east of the OUCTP area screened in the Lower 180-Foot Aquifer. Based on groundwater monitoring data and data provided by the MCWD, these drinking water wells have not been impacted by contaminants related to the OUCTP. Several CERCLA (Superfund) investigations have been conducted at the former Fort Ord that included the area now referred to as OUCTP. The initial identification of carbon tetrachloride in groundwater occurred in 1992 during sampling of monitoring wells installed in 1975 for reasons unrelated to the CERCLA investigations. The presence of carbon tetrachloride in groundwater at what is now OUCTP was first documented in the Fort Ord Landfills Preliminary Hydrogeologic Investigation and monitoring and investigations continued under the Basewide Hydrogeologic Characterization program. Since the source of or use of carbon tetrachloride at the former Fort Ord was not documented as part of previous investigations, including the Basewide RI/FS, a separate site characterization or investigation of carbon tetrachloride in groundwater was initiated, and the results of this initial investigation were presented in the Draft Final Carbon Tetrachloride Investigation Report. Subsequent investigation activities and studies of OUCTP were then conducted as part of the OUCTP Remedial Investigation. A ROD addressing OU12 was signed by the US
Environmental Protection Agency (USEPA) in February 2008. OU 9: A list of the 21 Track 1 sites for which No Further Action Related to MEC is required is comprised of: MRS-1-Flame Thrower Range: The site is 25 acres in size, and is located in the northwestern part of former Fort Ord. MRS-1 is currently occupied by housing. Proposed reuse plans include residential development. Based on the literature review and sampling, the site appears to have been used for camouflage training, mine and booby trap training, non-firing mortar training, and flame thrower training. Most of this area has been used for military housing for over 40 years. MRS-6-Mine and Booby Trap Training Area: The site is 2 acres in size, and is located in the northwest portion of former Fort Ord near residential housing. The site is currently undeveloped with proposed reuse plans to include development with reserve areas or development with restrictions. Review of training maps, aerial photographs, and other Fort Ord maps indicate mine and booby trap training occurred at the site. The adjacent areas have been used as a school and military housing for over 40 years. MRS-13A-Practice Mortar Range: The site is 61 acres in size, and is located in the northern portion of the former Fort Ord. Proposed reuse plans for MRS-13A include residential development and a park. The majority of the site has contained residential housing for nearly 30 years. The area was extensively graded in the 1970s and housing was built on portions of the site. The western portion of the site was used as a landfill in the 1960s. All landfill material in the western portion of MRS-13A was excavated (removed) and transported to the main landfill south of Immix Road in the 1990s. Several munitions debris items and three unexploded ordnance (UXO) items were identified within and adjacent to MRS-13A during landfill excavation and housing development grading activities and were removed: three live ground signals and loose pyrotechnic material; three inert hand grenade primer detonators; two inert 40mm signal cartridges; an inert fin assembly for a 3.5-inch rocket; a live rifle grenade; miscellaneous projectiles; and two inert 3.5-inch rocket motors. MRS-20-Recoilless Rifle Training Range: The site is 7 acres in size, and is located in the southwestern portion of the Main Garrison near residential housing and Highway 1. This site is currently open space with proposed reuse plans, which include development. The site was identified as a potential Recoilless Rifle Training Range and was reportedly used for various training activities including recoilless rifle, machine gun, and other unknown types of training. Recoilless rifles are portable antitank weapons that were either shoulder- or ground-fired, and in some cases, could be fired by either method. MRS-22 (Site 3)-Beach Trainfire Ranges: The site is 952 acres in size, and is located on the Monterey Bay coastline along the western margin of former Fort Ord as shown on Plate 2. The site is currently open space with the proposed reuse of the site to include a State park with open space and recreational areas. Training maps, aerial photographs, and interviews indicate the site was used as the Beach Trainfire Ranges from 1940s until base closure in 1994. The ranges contained 17 small arms firing ranges; an obstacle course; a bivouac area; a rifle instruction circle; a bayonet assault course; chemical, biological, and radiological (CBR) training areas; target detection training areas; an infiltration course; and a former ammunition supply point. CBR training at MRS-22 (Site 3) only involved training troops in the identification of targets while wearing gas masks, and did not involve the use of chemical, biological or radiological materials. Training at the Beach Trainfire Ranges reportedly also included occasional practice mortar use with inert training devices, amphibious assault landings, and battle demonstrations. MRS-24B-Practice Hand Grenade Range: The site is 14.2 acres in size, and is located in the west-central portion of former Fort Ord that contains military residential housing. The site is also located south of the Main Garrison and just north of the Impact Area. MRS-24B will continue to be used for military housing. Historical and sampling information indicate the
site was used as practice hand grenade range in the 1940s. MRS-24D-Booby Traps: The site is 1.8 acres in size, and is located in the west central portion of former Fort Ord that contains military residential housing. The site is also located south of the Main Garrison and just north of the former Impact Area. MRS-24D will continue to be used for military housing. The site was identified as a "Booby Traps" and squad patrol training area based on review of a 1946 historical map; however, the site boundary was northwest of the area shown as "Booby Traps" on 1945 and 1946 training maps. MRS-24E-Practice Rifle Grenade Range: The site is 2.7 acres in size, and is located in the west central portion of former Fort Ord. The site is also located south of the Main Garrison and just north of the former Impact Area within a military housing complex. MRS-24E will continue to be used for military housing. MRS-24E was identified as a Practice Rifle Grenade Range on 1945/1946 training maps, but no evidence of this use was discovered during sampling at the site. MRS-27X-Training Site 24: The site is 79.5 acres in size, and is undeveloped open space located in the southeastern portion of former Fort Ord. MRS-27X is currently a habitat reserve area managed by the Bureau of Land Management (BLM), and is open to the public for recreational use. Based on review of Fort Ord training maps, the site was used as a troop training and maneuver area from the 1950s to 1970s, and as an overnight bivouac area and medical training area in the 1980s. MRS-27Y-Training Site 25: The site is 25 acres in size, and is mainly undeveloped open space located in the eastern portion of former Fort Ord along Inter-Garrison Road. A small portion of the site also lies on property that was transferred to California State University Monterey Bay in 1995 for development. The site was identified as one of 26 training sites within Fort Ord Training and Maneuver Areas used as troop training, maneuver, and overnight bivouac areas. MRS-32A-Oil Well Road Training Area: The site is 38 acres in size, and is located in the southeastern portion of former Fort Ord, surrounded by undeveloped open space. Proposed reuse plans for MRS-32A include maintaining the land as habitat reserve. Based on training maps and interviews, the site may have been used as a tank gunnery range in 1950s, for training with shoulder-launched projectiles in 1950s and 1960s, and as a troop training and maneuver area from 1950s to 1980s. MRS-32B-Oil Well Road Training Area II: The site is 47 acres in size, and is located in the southeastern portion of former Fort Ord, surrounded by undeveloped open space. Proposed reuse plans for MRS-32B include maintaining the land as habitat reserve. Based on historical training maps (circa 1954 and 1956), it was identified as the "Oil Well Road Training Area"; a portion of the site was reportedly used as a Tank Gunnery Range in 1950s; and the site may also have been used for firing of shoulder-launched projectiles. MRS-39-Mine and Booby Trap Area: The site is 12.1 acres in size, and is located east of General Jim Moore Boulevard and south of Gigling Road in the Marshall Park housing area. MRS-39 will continue to be used for military housing. The site was identified as a Mine and Booby Trap Training Area on 1957/1958 maps. MRS-49-Former Rifle Grenade Range: The site is 28 acres in size, and is located in the west central portion of former Fort Ord, south of Main Garrison and just north of military housing. The site is currently undeveloped and proposed reuse plans include development. The site was identified as a training area and rifle grenade range in the 1940s and 1950s based on interviews conducted during the Preliminary Assessment/Site Inspection (PA/SI) phase of the Fort Ord Archive Search. MRS-59A-Unnamed: The site is 41 acres in size, and is located in the eastern portion of former Fort Ord near the East Garrison and MRS-5. The site is currently undeveloped and proposed reuse plans include development. The site was identified as a possible 2.36-inch rocket range during interviews conducted during the PA/SI phase of the Fort Ord Archive Search. The site appears to have been used for/or been within the downrange area of small arms ranges from the 1930s until base closure in 1994.
No training areas where military munitions would be used were identified on historical training maps. MRS-62-Laguna Seca Open Space: The site is 247 acres in size, and is located at the southern end of former Fort Ord. The site is currently open space and proposed reuse plans include development. The site was identified as a small arms and flare training area during an interview with a former Fort Ord Fire Chief conducted during the PA/SI phase of Fort Ord Archive Search. Based on review of training maps, aerial photographs, and site reconnaissance, the site was used as a troop training and maneuver area from the late 1940s through 1980s; and the southern half of the site was included in a "Noise Buffer Zone" from 1978 to 1987, where no firing of ammunition was allowed, including pyrotechnics, explosives, or simulators. MRS-62 lies within a larger area identified during interviews conducted as part of the Archives Search as "Area T" and was described as a general area where training may have occurred. The boundary of MRS-62 is based on transfer parcel delineation and not on evidence of munitions use. The boundary of MRS-62 was established to correspond to with disposal Parcel L20.6. Although the size of the parcel to be transferred has changed over time, the boundary of MRS-62 corresponds with the current boundary of Parcel L20.6. MRS-63-Canyon Training Area: The site is 28 acres in size, and is located at the southern end of former Fort Ord east of MRS-62. MRS-63 is currently a habitat reserve area managed by the BLM, and is open to the public for recreational use. The site was identified as a small arms and flare training area during the PA/SI phase of the Fort Ord Archive Search. Based on review of training maps, aerial photographs, and site reconnaissance, most of the site was identified as a "Noise Buffer Zone" from 1978 to 1987, where no firing of ammunition was allowed, including pyrotechnics, explosives, or simulators. MRS-66-Signal Corps Small Arms: The site is 41 acres in size, and is located in the northeastern portion of former Fort Ord Plate 2. The majority of the site lies on property transferred to California State University Monterey Bay (CSUMB) that is currently used for student housing or is proposed for development. A small portion of the site lies on property that is designated as habitat reserve. The site was identified as a reported signal corps field training area during the PA/SI phase of Fort Ord Archive Search, and other uses included aviation training, basic unit training, and a bivouac area from 1950s until housing construction in 1989. MRS-69-Unnamed: The site is 37 acres in size, and is undeveloped open space located on the eastern side of former Fort Ord. MRS-69 is currently a habitat reserve area managed by the BLM, and is open to the public for recreational use. The site was identified as an area of possible rifle grenade use based on interviews with a former Fort Ord Fire Chief. This site is within land transferred to the BLM and is open to the public for hiking, biking, and horseback riding. Use is limited to marked trails. The public has had access to this area for approximately 6 years. MRS-70-Unnamed: The site is 14 acres in size, and is located on the southeastern side of former Fort Ord, south of Oil Well Road. The site is currently a habitat reserve area managed by BLM, and is open to the public for recreational use. The area encompassing MRS-70 was identified as containing firing berms based on interviews with a former Fort Ord Fire Chief. A ROD addressing OU 9 was completed in April 2005. Operable Unit 2: The Fort Ord Landfills area was designated as Operable Unit 2 (OU2) when a remedial investigation identified the presence of volatile organic compounds (VOCs) associated with landfilled materials in groundwater beneath the site. Based on frequency of detection and measured concentrations, trichloroethene (TCE) was the most significant groundwater contaminant detected during the remedial investigation. Remedial actions have been implemented to address contaminated groundwater and ongoing remediation of groundwater associated with OU2 is being conducted in accordance with the OU2 Record of Decision (ROD) and the Explanation of Significant Differences. Operable Unit 2, Fort Ord Landfills (OU2 ESD). In accordance with the OU2
ROD and the Explanation of Significant Differences, Area A, Operable Unit 2, Fort Ord Landfills, the Army completed removal and consolidation of refuse from the north landfill into the main landfill in October 1998 and installation of an engineered cover system for the main landfill in December 2002 as part of the closure process for the Fort Ord Landfills. At the Fort Ord Landfills, the perimeter fence line was initially designated as the boundary for landfill gas (LFG) compliance monitoring in accordance with applicable or relevant and appropriate requirements (ARARS) and LFG monitoring probes were installed inside the fence line. Monitoring of these probes commenced in June 2000. Fixed-based laboratory results and field measurements showed methane concentration exceeding the 5% regulatory standard in most probes. The Army performed an additional investigation in August 2000 and sampling results showed that methane was detectable extending out about 70 feet front the fence line on the east side of Area F. All probes were monitored again in September and December 2000, with the results again showing methane concentrations exceeding the 5% standard. In response the Army installed additional probes at locations around the outer parts of the OU2 property beyond the fence line in April and May 2001. Analytical results for these probes indicated that methane concentrations at the property boundary were less than the 5% standard, with the exception of the east side of Area F. The Army also performed ambient air monitoring in October 2000, November 2000, September 2001 and September 2002 to determine landfill gas dispersion in ambient air on the east side of Area F. The results showed trace concentrations of volatile organic compounds (VOCs) in air between the Fort Ord Landfills and the nearest housing. These data were used to complete a screening level human health risk assessment (HHRA) for nearby residences. The HHRA was updated after each monitoring event and attached as an appendix to each ambient air monitoring report. The HHRA concluded that there is a health risk for long-term exposure to VOCs in ambient air; however, the Army determined the data evaluated in the HHRA were limited and additional monitoring would be appropriate. Additional ambient air monitoring was conducted on a quarterly basis in 2003 and the HHRA updated to include these data and evaluate specifically landfill-related risk. The updated HHRA indicated the Fort Ord Landfills are not a significant contributor of VOCs in ambient air or risk to downwind receptors. The following remedies for the Fort Ord Landfills were selected in the OU2 ROD: - A cover system to (1) prevent rainwater from percolating through the landfilled areas into the underlying aquifers; (2) collect and remove methane offgas (if necessary); and (3) prevent exposure of sanitary waste in the landfills to the surrounding environment. - Institutional controls (i.e., deed restrictions) to be placed on the property to ensure that the integrity of the cover system is maintained and prevent potential direct exposures of VOCs to the environment or people associated with future use of the site. - Institutional controls (i.e., deed restrictions) that prevent the use of groundwater within the contaminant plume. - Groundwater extraction and treatment, to be monitored on a regular basis and adjusted as warranted by the performance data collected during operation. Additionally, treated groundwater will be discharged to the A-aquifer and Upper 180-foot aquifer by means of recharge systems or reused at the surface. Three previous ESDs to the OU2 ROD have been completed: - Explanation of Significant Differences, Operable Unit 2, Fort Ord Landfills (OU2 ESD). The OU2 ESD finalized the cleanup standard for the Upper 180-foot Aquifer to be consistent with those of the A-aquifer to facilitate the coordinated cleanup strategy for both aquifers. - Explanation of Significant Differences, Area A, Operable Unit 2, Fort Ord Landfills (Area A ESD). The Area A ESD addressed excavation and consolidation of refuse from the north landfill (Area A) into the main landfill (Areas B through F). - Explanation of Significant Differences, Consolidation of Remediation Waste in a Corrective Action Management Unit, Operable Unit 2, Fort Ord Landfills (CAMU ESD).
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CAMU ESD addressed using remediation waste as foundation layer material instead of "clean" (uncontaminated) soil as described in the OU2 ROD. An Explanation of Significant Differences addressing OU 2 of the Fort Ord Landfills Site was completed in August 1995. An additional ESD addressing OU2 was completed in October of 2006.

CERCLIS Assessment History:

For detailed financial records, contact EDR for a Site Report.
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- **Date Started:**
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- **Operable Unit:**
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- **Planning Status:**
- **Urgency Indicator:**
- **Action Anomaly:**

For detailed financial records, contact EDR for a Site Report.
FORT ORD (Continued)

Action Code: 002
Action: RECORD OF DECISION
Date Started: / / 
Date Completed: 08/23/94
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 009
Action: FEDERAL FACILITY REMOVAL
Date Started: 07/13/94
Date Completed: 10/24/94
Priority Level: Partially Cleaned up
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 010
Action: FEDERAL FACILITY REMOVAL
Date Started: 07/19/94
Date Completed: 11/10/94
Priority Level: Partially Cleaned up
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 05/17/94
Date Completed: 12/20/94
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary

For detailed financial records, contact EDR for a Site Report.
FORT ORD (Continued)

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/23/90
Date Completed: 04/13/95
Priority Level: Not reported
Operable Unit: NO ACTION SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
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Date Started: / / 04/13/95
Priority Level: Not reported
Operable Unit: NO ACTION SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: Explanation Of Significant Differences
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Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/23/90
Date Completed: 09/29/95
Priority Level: Not reported
Operable Unit: FIRE DRILL AREA
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.
### FORT ORD  (Continued)

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For detailed financial records, contact EDR for a Site Report.

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For detailed financial records, contact EDR for a Site Report.

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FORT ORD (Continued)

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/21/95
Date Completed: 09/19/96
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 003
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/21/95
Date Completed: 09/19/96
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 007
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 07/10/95
Date Completed: 09/19/96
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 004
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/23/90
Date Completed: 01/17/97
Priority Level: Not reported
Operable Unit: OVERALL SITE

For detailed financial records, contact EDR for a Site Report:
FORT ORD (Continued)

Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 006
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
**Date Started:** 07/23/90
**Date Completed:** 01/17/97
**Priority Level:** Not reported
**Operable Unit:** OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 005
**Action:** RECORD OF DECISION
**Date Started:** / / 
**Date Completed:** 01/17/97
**Priority Level:** Not reported
**Operable Unit:** OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 006
**Action:** RECORD OF DECISION
**Date Started:** / / 
**Date Completed:** 01/17/97
**Priority Level:** Not reported
**Operable Unit:** SITE 3 BEACH RANGE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 002
**Action:** Explanation Of Significant Differences
**Date Started:** / / 
**Date Completed:** 01/17/97
**Priority Level:** Not reported
**Operable Unit:** LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported
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FORT ORD (Continued)

FEDERAL FACILITY REMEDIAL ACTION
- **Date Completed:** 04/14/97
- **Priority Level:** Not reported
- **Operable Unit:** SURFACE SOILS
- **Primary Responsibility:** Federal Facilities
- **Planning Status:** Primary
- **Urgency Indicator:** Not reported
- **Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.

FEDERAL FACILITY REMEDIAL DESIGN
- **Date Started:** 01/17/97
- **Date Completed:** 06/03/97
- **Priority Level:** Not reported
- **Operable Unit:** OVERALL SITE
- **Primary Responsibility:** Federal Facilities
- **Planning Status:** Not reported
- **Urgency Indicator:** Not reported
- **Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.

FEDERAL FACILITY REMEDIAL DESIGN
- **Date Started:** 02/01/97
- **Date Completed:** 06/09/97
- **Priority Level:** Not reported
- **Operable Unit:** SITE 3 BEACH RANGE
- **Primary Responsibility:** Federal Facilities
- **Planning Status:** Primary
- **Urgency Indicator:** Not reported
- **Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.

FEDERAL FACILITY REMEDIAL ACTION
- **Date Started:** 03/02/97
- **Date Completed:** 07/22/97
- **Priority Level:** Not reported
- **Operable Unit:** SURFACE SOILS
- **Primary Responsibility:** Federal Facilities
FORT ORD (Continued)

Planning Status: Not reported
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 020
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 05/20/97
Date Completed: 07/23/97
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 006
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 07/05/95
Date Completed: 07/28/97
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 022
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 02/20/96
Date Completed: 01/13/98
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 021
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 04/27/97
Date Completed: 03/18/98
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.
FORT ORD (Continued)

For detailed financial records, contact EDR for a Site Report.

Action Code: 005
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/26/95
Date Completed: 04/06/98
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 011
Action: FEDERAL FACILITY REMOVAL
Date Started: 05/08/98
Date Completed: 05/08/98
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: Restoration Advisory Board
Date Started: 05/10/94
Date Completed: 06/01/99
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 024
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/03/97
Date Completed: 09/20/99
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.
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| Date Completed: | 02/05/02 |
| Priority Level: | Not reported |
| Operable Unit: | SURFACE SOILS |
| Primary Responsibility: | Federal Facilities |
| Planning Status: | Not reported |
| Urgency Indicator: | Not reported |
| Action Anomaly: | Not reported |

For detailed financial records, contact EDR for a Site Report.

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**Action Code:** 007
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY

| Date Started: | 04/11/00 |
| Date Completed: | 07/02/02 |
| Priority Level: | Not reported |
| Operable Unit: | OE TRACK 0 |
| Primary Responsibility: | Federal Facilities |
| Planning Status: | Not reported |
| Urgency Indicator: | Not reported |
| Action Anomaly: | Not reported |

For detailed financial records, contact EDR for a Site Report.

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**Action Code:** 008
**Action:** RECORD OF DECISION

| Date Started: | / / |
| Date Completed: | 07/02/02 |
| Priority Level: | Not reported |
| Operable Unit: | OE TRACK 0 |
| Primary Responsibility: | Federal Facilities |
| Planning Status: | Primary |
| Urgency Indicator: | Not reported |
| Action Anomaly: | Not reported |

For detailed financial records, contact EDR for a Site Report.

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**Action Code:** 001
**Action:** TECHNICAL ASSISTANCE GRANT

| Date Started: | 10/01/96 |
| Date Completed: | 08/16/02 |
| Priority Level: | Not reported |
| Operable Unit: | SITEWIDE |
| Primary Responsibility: | Federal Facilities |
| Planning Status: | Primary |
| Urgency Indicator: | Not reported |
| Action Anomaly: | Not reported |

For detailed financial records, contact EDR for a Site Report.

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**Action Code:** 011
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY

| Date Started: | 04/11/00 |
| Date Completed: | 09/20/02 |
| Priority Level: | Not reported |
| Operable Unit: | OE TRACK 2 |
| Primary Responsibility: | Federal Facilities |

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FORT ORD (Continued)

Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 02/27/02
Date Completed: 09/20/02
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 013
Action: RECORD OF DECISION
Date Started: / / 
Date Completed: 09/20/02
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 012
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/23/94
Date Completed: 09/27/02
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 023
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 05/05/98
Date Completed: 09/27/02
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported
FORT ORD (Continued) 1000393341

For detailed financial records, contact EDR for a Site Report.

Action Code: 013
Action: FEDERAL FACILITY REMOVAL
Date Started: 10/26/01
Date Completed: 10/24/03
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 016
Action: FEDERAL FACILITY REMOVAL
Date Started: 12/01/03
Date Completed: 12/01/03
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: Explanation Of Significant Differences
Date Started: / / /
Date Completed: 12/01/03
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 017
Action: FEDERAL FACILITY REMOVAL
Date Started: 02/06/04
Date Completed: 05/04/04
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 035
FORT ORD (Continued) 1000393341

Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 07/18/97
Date Completed: 03/16/05
Priority Level: Not reported
Operable Unit: SURFACE SOILS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 008
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/11/00
Date Completed: 04/06/05
Priority Level: Not reported
Operable Unit: OE TRACK 1
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 009
Action: RECORD OF DECISION
Date Started: / / 
Date Completed: 04/06/05
Priority Level: Not reported
Operable Unit: OE TRACK 1
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 004
Action: Explanation Of Significant Differences
Date Started: / / 
Date Completed: 04/26/05
Priority Level: Not reported
Operable Unit: OE TRACK 0
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 012
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/29/02
Date Completed: 05/01/06
### FORT ORD (Continued)

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<thead>
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<th>Priority Level:</th>
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<tr>
<td>Operable Unit:</td>
<td>CARBON TET PLUME</td>
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For detailed financial records, contact EDR for a Site Report.: 

**Action Code:** 015  
**Action:** FEDERAL FACILITY REMEDIAL DESIGN  
**Date Started:** 07/01/06  
**Date Completed:** 08/08/06  
**Priority Level:** Not reported  
**Operable Unit:** OE TRACK 2  
**Primary Responsibility:** Federal Facilities  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.: 

**Action Code:** 005  
**Action:** Explanation Of Significant Differences  
**Date Started:** 10/04/06  
**Date Completed:** 10/04/06  
**Priority Level:** Not reported  
**Operable Unit:** LANDFILL  
**Primary Responsibility:** Federal Facilities  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.: 

**Action Code:** 034  
**Action:** FEDERAL FACILITY REMEDIAL ACTION  
**Date Started:** 10/24/03  
**Date Completed:** 02/12/07  
**Priority Level:** Interim RA Report  
**Operable Unit:** OE TRACK 2  
**Primary Responsibility:** Federal Facilities  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report.: 

**Action Code:** 001  
**Action:** ADMINISTRATIVE ORDER ON CONSENT  
**Date Started:** 05/14/07  
**Priority Level:** Not reported  
**Operable Unit:** SITEWIDE  
**Primary Responsibility:** Federal Enforcement
FORT ORD (Continued)

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<th>Action Code</th>
<th>Action</th>
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<td>FEDERAL FACILITY FIVE YEAR REVIEW</td>
<td>04/02/07</td>
<td>09/25/07</td>
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<td>003</td>
<td>TECHNICAL ASSISTANCE GRANT</td>
<td>11/01/07</td>
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<td>PRIVATIZATION PARCELS</td>
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<td>/ /</td>
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For detailed financial records, contact EDR for a Site Report.
FORT ORD (Continued)

For detailed financial records, contact EDR for a Site Report.

Action Code: 010
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 06/03/05
Date Completed: 05/15/08
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 011
Action: RECORD OF DECISION
Date Started: 05/15/08
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 014
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 08/01/08
Priority Level: Not reported
Operable Unit: CARBON TET PLUME
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 008
Action: FEDERAL FACILITY REMOVAL
Date Started: 05/20/94
Date Completed: 08/26/08
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 012
FORT ORD (Continued)

Action: FEDERAL FACILITY REMOVAL
Date Started: 09/01/97
Date Completed: 08/26/08
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 009

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/26/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 016

Action: RECORD OF DECISION
Date Started: 08/26/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 014

Action: FEDERAL FACILITY REMOVAL
Date Started: 12/14/01
Date Completed: 08/28/08
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 013

Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/27/07
Date Completed: 11/21/08
FORT ORD (Continued)

Action Code: 015
Action: RECORD OF DECISION
Date Started: / / 
Date Completed: 11/21/08
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 013
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 05/15/08
Date Completed: 12/10/08
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 017
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 02/27/09
Date Completed: 07/09/09
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 038
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 11/25/08
Date Completed: 07/27/09
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
FORT ORD (Continued)

Planning Status: Not reported
Urgency Indicator: Limited Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 016
Action: FEDERAL FACILITY REMEDIAL DESIGN
Date Started: 11/25/08
Date Completed: 07/27/09
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 001
Action: RECORD OF DECISION AMENDMENT
Date Started: / / / 
Date Completed: 09/30/09
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 002
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 08/15/03
Date Completed: 01/14/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 006
Action: Explanation Of Significant Differences
Date Started: / / / 
Date Completed: 07/14/10
Priority Level: Not reported
Operable Unit: FIRE DRILL AREA
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:
### FORT ORD (Continued)

For detailed financial records, contact EDR for a Site Report.

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<td>Date Started</td>
<td>10/19/06</td>
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<td>Date Completed</td>
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For detailed financial records, contact EDR for a Site Report.
FORT ORD (Continued) 1000393341

Action Code: 011
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 09/29/95
Date Completed: 09/08/11
Priority Level: Not reported
Operable Unit: FIRE DRILL AREA
Primary Responsibility: Federal Facilities
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report.

Action Code: 031
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 12/10/08
Date Completed: 09/08/11
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report.

Action Code: 004
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 07/01/10
Date Completed: 06/25/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report.

Action Code: 044
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/06/09
Date Completed: 08/15/12
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: FEDERAL FACILITY FIVE YEAR REVIEW
Date Started: 09/25/12
Date Completed: 09/25/12
FORT ORD (Continued)

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 036
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/01/08
Date Completed: 09/03/13
Priority Level: Not reported
Operable Unit: CARBON TET PLUME
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 045
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/07/10
Date Completed: 09/05/13
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report:

Action Code: 028
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 08/23/94
Date Completed: //
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Other Completion Anomaly

For detailed financial records, contact EDR for a Site Report:

Action Code: 013
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 05/17/97
Date Completed: //
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
FORT ORD (Continued)

Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 030
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 05/05/98
Date Completed: / / 
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 027
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 04/01/99
Date Completed: / / 
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/27/02
Date Completed: / / 
Priority Level: Not reported
Operable Unit: LANDFILL
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/27/02
Date Completed: / / 
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported
For detailed financial records, contact EDR for a Site Report:

**Action Code:** 014  
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
**Date Started:** 05/24/08  
**Date Completed:**  
**Priority Level:** Not reported  
**Operable Unit:** PRIVATIZATION PARCELS  
**Primary Responsibility:** Prospective Purchaser  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 015  
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
**Date Started:** 08/01/08  
**Date Completed:**  
**Priority Level:** Not reported  
**Operable Unit:** PRIVATIZATION PARCELS  
**Primary Responsibility:** Prospective Purchaser  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 016  
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
**Date Started:** 02/27/09  
**Date Completed:**  
**Priority Level:** Not reported  
**Operable Unit:** PRIVATIZATION PARCELS  
**Primary Responsibility:** Prospective Purchaser  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report:

**Action Code:** 017  
**Action:** FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
**Date Started:** 10/09/09  
**Date Completed:**  
**Priority Level:** Not reported  
**Operable Unit:** PRIVATIZATION PARCELS  
**Primary Responsibility:** Prospective Purchaser  
**Planning Status:** Not reported  
**Urgency Indicator:** Not reported  
**Action Anomaly:** Not reported

For detailed financial records, contact EDR for a Site Report:
FORT ORD (Continued)

Action Code: 002
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/08/11
Date Completed: / / 
Priority Level: Not reported
Operable Unit: FIRE DRILL AREA
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 047
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 10/06/11
Date Completed: / / 
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 005
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 02/19/13
Date Completed: / / 
Priority Level: Not reported
Operable Unit: PRIVATIZATION PARCELS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 02/19/13
Date Completed: / / 
Priority Level: Not reported
Operable Unit: PRIVATIZATION PARCELS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 048
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 03/04/13
Date Completed: / / 

FORT ORD (Continued)

Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 003
Action: TECHNICAL ASSISTANCE
Date Started: 03/20/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 03/20/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: PRIVATIZATION PARCELS
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 019
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 04/23/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: OE TRACK 2
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.

Action Code: 049
Action: FEDERAL FACILITY REMEDIAL ACTION
Date Started: 06/01/13
Date Completed: / /
Priority Level: Not reported
Operable Unit: OE TRACK 3
Primary Responsibility: Federal Facilities
Planning Status: Not reported
FORT ORD (Continued)  

Urgency Indicator: Not reported  
Action Anomaly: Not reported  

For detailed financial records, contact EDR for a Site Report.:

Action Code: 018  
Action: FEDERAL FACILITY REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
Date Started: 07/18/13  
Date Completed: / /  
Priority Level: Not reported  
Operable Unit: PRIVATIZATION PARCELS  
Primary Responsibility: Prospective Purchaser  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported  

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:  
Fed Register Date: 02/21/90  
Fed Register Volume: 55  
Page Number: 6154  

Fed Register Date: 07/14/89  
Fed Register Volume: 54  
Page Number: 29820  

Click this hyperlink while viewing on your computer to access  
444 additional US CERCLIS Financial: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: CA7210020676  
EPA Region: 09  
Area Name: OU#1 FIRE DRILL AREA  
Actual Date: 19881201  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 56121 61163  
Facilities Support Services  
Language Schools  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA7210020676  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19911201  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 56121 61163  
Facilities Support Services  
Language Schools  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CA7210020676
### FORT ORD (Continued)

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### FORT ORD (Continued)

**Area Name:** BASEWIDE RI SITES  
**Actual Date:** 19970113  
**Action:** CA350 - CMS Approved  
**NAICS Code(s):** 56121 61163  
- Facilities Support Services  
- Language Schools  
**Original schedule date:** Not reported  
**Schedule end date:** Not reported

**EPA ID:** CA7210020676  
**EPA Region:** 09  
**Area Name:** ENTIRE FACILITY  
**Actual Date:** 20000522  
**Action:** CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
**NAICS Code(s):** 56121 61163  
- Facilities Support Services  
- Language Schools  
**Original schedule date:** 20000522  
**Schedule end date:** Not reported

**US ENG CONTROLS:**

**EPA ID:** CA7210020676  
**Site ID:** 0902783  
**Name:** FORT ORD  
**Address:** FORMER ARMY BASE FORT ORD  
**EPA Region:** 09  
**County:** MONTEREY  
**Event Code:** Not reported  
**Actual Date:** 09/30/2009

**Action ID:** 001  
**Action Name:** Explanation Of Significant Differences  
**Action Completion date:** 08/23/1995  
**Operable Unit:** 02  
**Contaminated Media:** Groundwater  
**Engineering Control:** Non-fundamental change (ESD)  
**Action ID:** 003  
**Action Name:** Explanation Of Significant Differences  
**Action Completion date:** 12/01/2003  
**Operable Unit:** 03  
**Contaminated Media:** Soil
FORT ORD (Continued)

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<td>Soil</td>
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<td>Engineering Control:</td>
<td>Excavation</td>
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| Action ID:           | 004      |
| Action Name:         | Explanation Of Significant Differences |
| Action Completion date: | 04/26/2005 |
| Operable Unit:       | 08       |
| Contaminated Media:  | Debris   |
| Engineering Control: | No Action |

| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Bioremediation Treatment, (N.O.S.) |

| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Disposal |

| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Excavation |

| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Liner    |

| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Monitoring |

<p>| Action ID:           | 001      |
| Action Name:         | RECORD OF DECISION |
| Action Completion date: | 03/15/1994 |
| Operable Unit:       | 04       |
| Contaminated Media:  | Soil     |
| Engineering Control: | Recycling |</p>
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FORT ORD (Continued)

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FORT ORD  (Continued)  1000393341

Action Name: RECORD OF DECISION
Action Completion date: 04/13/1995
Operable Unit: 05
Contaminated Media: Groundwater
Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1995
Operable Unit: 01
Contaminated Media: Groundwater
Engineering Control: Carbon Adsorption

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1995
Operable Unit: 01
Contaminated Media: Groundwater
Engineering Control: Extraction

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1995
Operable Unit: 01
Contaminated Media: Groundwater
Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/29/1995
Operable Unit: 01
Contaminated Media: Soil
Engineering Control: No Further Action

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 01/17/1997
Operable Unit: 03
Contaminated Media: Groundwater
Engineering Control: Carbon Adsorption

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 01/17/1997
Operable Unit: 03
Contaminated Media: Groundwater
Engineering Control: Extraction

Action ID: 005
Action Name: RECORD OF DECISION
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FORT ORD (Continued)

1000393341
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FORT ORD (Continued)

Contaminated Media: Solid Waste
Engineering Control: Excavation

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2002
Operable Unit: 10
Contaminated Media: Solid Waste
Engineering Control: Explosive/Unexploding Ordnance

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2002
Operable Unit: 10
Contaminated Media: Solid Waste
Engineering Control: Population Relocation, Temporary

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 02/06/2008
Operable Unit: 12
Contaminated Media: Groundwater
Engineering Control: Bioremediation (In-Situ)

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 02/06/2008
Operable Unit: 12
Contaminated Media: Groundwater
Engineering Control: Monitoring

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 02/06/2008
Operable Unit: 12
Contaminated Media: Groundwater
Engineering Control: Natural Attenuation

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 02/06/2008
Operable Unit: 12
Contaminated Media: Groundwater
Engineering Control: Pump And Treat

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 02/06/2008
Operable Unit: 12
Contaminated Media: Groundwater
**FORT ORD (Continued)**

**Engineer Control:** Well Head Treatment

- **Action ID:** 001
- **Action Name:** ROD Amendment
- **Action Completion date:** 09/30/2009
- **Operable Unit:** 03
- **Contaminated Media:** Soil
- **Engineering Control:** Non-fundamental change (ESD)

**US INST CONTROL:**

- **EPA ID:** CA7210020676
- **Site ID:** 0902783
- **Name:** FORT ORD
- **Action Name:** Explanation Of Significant Differences
- **Address:** FORMER ARMY BASE FORT ORD MARINA, CA 93933
- **EPA Region:** 09
- **County:** MONTEREY
- **Event Code:** Not reported
- **Inst. Control:** Covenant
- **Actual Date:** Not reported
- **Complet. Date:** 07/14/2010
- **Operable Unit:** 01
- **Contaminated Media:** Groundwater

- **EPA ID:** CA7210020676
- **Site ID:** 0902783
- **Name:** FORT ORD
- **Action Name:** Explanation Of Significant Differences
- **Address:** FORMER ARMY BASE FORT ORD MARINA, CA 93933
- **EPA Region:** 09
- **County:** MONTEREY
- **Event Code:** Not reported
- **Inst. Control:** Deed Restriction
- **Actual Date:** Not reported
- **Complet. Date:** 07/14/2010
- **Operable Unit:** 01
- **Contaminated Media:** Groundwater

- **EPA ID:** CA7210020676
- **Site ID:** 0902783
- **Name:** FORT ORD
- **Action Name:** RECORD OF DECISION
- **Address:** FORMER ARMY BASE FORT ORD MARINA, CA 93933
- **EPA Region:** 09
- **County:** MONTEREY
- **Event Code:** Not reported
- **Inst. Control:** Water Supply Use Restriction
- **Actual Date:** 09/30/1994
- **Complet. Date:** 08/23/1994
- **Operable Unit:** 02
- **Contaminated Media:** Groundwater

- **EPA ID:** CA7210020676
FORT ORD (Continued)

Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 09/30/1994
Complet. Date: 08/23/1994
Operable Unit: 02
Contaminated Media: Soil

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 09/30/1994
Complet. Date: 08/23/1994
Operable Unit: 02
Contaminated Media: Solid Waste

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: 03/31/1997
Complet. Date: 01/17/1997
Operable Unit: 03
Contaminated Media: Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: 03/31/1997
Complet. Date: 01/17/1997
Operable Unit: 03
FORT ORD (Continued)

Contaminated Media: Soil

- EPA ID: CA7210020676
- Site ID: 0902783
- Name: FORT ORD
- Action Name: RECORD OF DECISION
- Address: FORMER ARMY BASE FORT ORD, MARINA, CA 93933
- EPA Region: 09
- County: MONTEREY
- Event Code: Not reported
- Inst. Control: Building, demolition, or excavation regulation
- Actual Date: 05/30/2008
- Complet. Date: 05/15/2008
- Operable Unit: 11

Contaminated Media: Solid Waste

- EPA ID: CA7210020676
- Site ID: 0902783
- Name: FORT ORD
- Action Name: RECORD OF DECISION
- Address: FORMER ARMY BASE FORT ORD, MARINA, CA 93933
- EPA Region: 09
- County: MONTEREY
- Event Code: Not reported
- Inst. Control: Zoning regulation
- Actual Date: 05/30/2008
- Complet. Date: 05/15/2008
- Operable Unit: 11

Contaminated Media: Groundwater

- EPA ID: CA7210020676
- Site ID: 0902783
- Name: FORT ORD
- Action Name: RECORD OF DECISION
- Address: FORMER ARMY BASE FORT ORD, MARINA, CA 93933
- EPA Region: 09
- County: MONTEREY
- Event Code: Not reported
- Inst. Control: Groundwater use/well drilling regulation
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### FORT ORD (Continued)

| PRP: | U.S. ARMY |

| PRP name: | FORT ORD REUSE AUTHORITY |

#### U.S. ARMY FORT ORD REUSE AUTHORITY

**PRP:**
- **PRP name:** FORT ORD REUSE AUTHORITY
- **U.S. ARMY**

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<td>EPA ID:</td>
<td>CAR000183897</td>
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<td>Contact:</td>
<td>KEVIN N JEFFRIES</td>
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<td>Contact telephone:</td>
<td>317-205-0245</td>
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<td>Contact email:</td>
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<td>Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
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**Owner/Operator Summary:**
- **Owner/operator name:** MCGRAW HILL COMPANIES
- **Owner/operator address:** Not reported
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** Not reported
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** 01/01/1992
- **Owner/Op end date:** Not reported

**Owner/operator name:** MCGRAW HILL COMPANIES
- **Owner/operator address:** 2 PENN PLAZA
- **Owner/operator country:** US
- **Owner/operator telephone:** Not reported
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** 01/01/1992
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
CTB MCGRAW HILL (Continued)

Hazardous Waste Summary:
Waste code: D001
Waste name: MERCURY
Disposal Method: DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE. THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED AS IGNITABLE HAZARDOUS WASTE. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: LEAD
Disposal Method: DISPOSED
Disposal Method: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: MERCURY
Disposal Method: DISPOSED
Disposal Method: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY
Disposal Method: DISPOSED
Disposal Method: No violations found
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<td>ACTIVE, BILLABLE</td>
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<td>0.055 mi.</td>
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#### Relative:
- Higher

#### Actual:
- 149 ft.

### Handler Activities Summary:
- **Owner/Operator Summary:**
  - Owner/operator name: NOT REQUIRED
  - Owner/operator address: NOT REQUIRED, ME 99999
  - Owner/operator country: Not reported
  - Owner/operator telephone: (415) 555-1212
  - Legal status: Private
  - Owner/Operator Type: Owner
  - Owner/Op start date: Not reported
  - Owner/Op end date: Not reported

- **Owner/operator name:** NOT REQUIRED
- **Owner/operator address:** NOT REQUIRED, ME 99999
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (415) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

- **Handler Activities Summary:**
  - U.S. importer of hazardous waste: No
  - Mixed waste (haz. and radioactive): No
  - Recycler of hazardous waste: No
  - Transporter of hazardous waste: No
  - Treater, storer or disposer of HW: No
  - Underground injection activity: No
  - On-site burner or disposer of HW: No
  - Furnace exemption: No
  - On-site burner exemption: No
  - Treater, storer or disposer of HW: No
  - Transporter of hazardous waste: No
  - Recycler of hazardous waste: No
  - U.S. importer of hazardous waste: No
  - Underground injection activity: No
  - On-site burner or disposer of HW: No
  - Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time.

### Facility Information:
- **Facility name:** MONTEREY CITY OF
- **Facility address:** 27 RYAN RANCH RD
  - MONTEREY, CA 93940
- **EPA ID:** CAD981986151
- **Mailing address:** RYAN RANCH RD
  - MONTEREY, CA 93940
- **Contact:** ENVIRONMENTAL MANAGER
- **Contact address:** 27 RYAN RANCH RD
  - MONTEREY, CA 93940
- **Contact country:** US
- **Contact telephone:** (408) 646-3927
- **Contact email:** Not reported
- **EPA Region:** 09
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time.

### Date Form Received by Agency:
- 03/26/1987
**MONTEREY CITY OF (Continued)**

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**CUPA MONTEREY**

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**CUPA MONTEREY (Continued)**

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<td>Mailing address: 308 SOUTH AKARO, RM 1911</td>
</tr>
<tr>
<td>DALLAS, TX 75202</td>
</tr>
<tr>
<td>Contact: JAMES A CRANMER</td>
</tr>
<tr>
<td>Contact address: Not reported</td>
</tr>
<tr>
<td>Contact country: US</td>
</tr>
<tr>
<td>Contact telephone: (603) 644-2017</td>
</tr>
<tr>
<td>Contact email: <a href="mailto:JC374@ATT.COM">JC374@ATT.COM</a></td>
</tr>
</tbody>
</table>

**FINDS:**

| Violation Status: No violations found |

**CUPA MONTEREY (Continued)**

- **ULDRA’S ENTERPRISE**
  - **Facility name:** DEL REY OAKS, CA
  - **Facility address:** 181 CALLE DEL OAKS
  - **Registry ID:** 110002765605
  - **Region:** FA0825113
  - **Program/Element Code:** 5040
  - **Program/Element:** BASE FEE-HAZARDOUS MATERIALS REGISTRATION
  - **Billing Status:** INACTIVE, NON-BILLABLE
  - **EDR Link Id:** FA0825113

**CUPA MONTEREY (Continued)**

- **C13 AT&T CALIFORNIA - NE592**
  - **Facility name:** DEL REY OAKS, CA
  - **Facility address:** 161 CALLE DEL OAKS
  - **Registry ID:** 110002765605
  - **Region:** FA0825113
  - **Program/Element Code:** 5040
  - **Program/Element:** BASE FEE-HAZARDOUS MATERIALS REGISTRATION
  - **Billing Status:** INACTIVE, NON-BILLABLE
  - **EDR Link Id:** FA0825113

**CUPA MONTEREY (Continued)**

| Violation Status: No violations found |

**RCRA-LQG:**

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<thead>
<tr>
<th>Date form received by agency: 02/20/2008</th>
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<tbody>
<tr>
<td>Facility name: PACIFIC BELL TELEPHONE DBA AT&amp;T CALIFORNIA</td>
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<tr>
<td>Facility address: 161 CALLE DEL OAKS</td>
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<td>EPA ID: CAT080019789</td>
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<td>Contact country: US</td>
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<tr>
<td>Contact telephone: (603) 644-2017</td>
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<td>Contact email: <a href="mailto:JC374@ATT.COM">JC374@ATT.COM</a></td>
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### AT&T CALIFORNIA - NE692 (Continued)

<table>
<thead>
<tr>
<th>Owner/Operator Summary</th>
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<tbody>
<tr>
<td>Owner/operator name:</td>
<td>THE PACIFIC TELEPHONE AND TELEGRAPH CO</td>
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<tr>
<td>Owner/operator address:</td>
<td>NOT REQUIRED</td>
</tr>
<tr>
<td>Owner/operator country:</td>
<td>NOT REQUIRED, ME 99999</td>
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<tr>
<td>Owner/operator telephone:</td>
<td>(415) 555-1212</td>
</tr>
<tr>
<td>Legal status:</td>
<td>Private</td>
</tr>
<tr>
<td>Owner/Operator Type:</td>
<td>Owner</td>
</tr>
<tr>
<td>Owner/Op start date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/Op end date:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

| Owner/operator name: | PACIFIC BELL TELEPHONE |
| Owner/operator address: | Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 11/01/2006 |
| Owner/Op end date: | Not reported |

| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED |
| Owner/operator country: | NOT REQUIRED, ME 99999 |
| Owner/operator telephone: | (415) 555-1212 |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| Owner/operator name: | PACIFIC BELL TELEPHONE |
| Owner/operator address: | 308 SOUTH AKARO, RM 1911 |
| Owner/operator country: | DALLAS, TX 75202 |
| Owner/operator telephone: | US |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 11/01/2006 |
| Owner/Op end date: | Not reported |
AT&T CALIFORNIA - NE692 (Continued)

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/01/1996
Site name: PACIFIC BELL
Classification: Small Quantity Generator

Date form received by agency: 01/19/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:
Registry ID: 110002948696

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal
AT&T CALIFORNIA - NE692 (Continued)

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Registry ID: 110058256211

Environmental Interest/Information System
STATE MASTER

| CUPA MONTEREY: Facility Id: FA0811240 |
|-----------------|----------------------------------|
| Region: MONTEREY |
| Program/Element Code: 5040 |
| Program/Element: BASE FEE-HAZARDOUS MATERIALS REGISTRATION |
| Billing Status: ACTIVE, BILLABLE |
| EDR Link ID: FA0811240 |

<table>
<thead>
<tr>
<th>DAVID LOOP EUROPEAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>160 CALLE DEL OAKS STE B</td>
</tr>
<tr>
<td>DEL REY OAKS, CA</td>
</tr>
<tr>
<td>CUPA Listings S110740340</td>
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<tr>
<td>Relative: Lower</td>
</tr>
<tr>
<td>Actual: 111 ft.</td>
</tr>
</tbody>
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| CUPA MONTEREY: Facility Id: FA0817931 |
|-----------------|----------------------------------|
| Region: MONTEREY |
| Program/Element Code: 5040 |
| Program/Element: BASE FEE-HAZARDOUS MATERIALS REGISTRATION |
| Billing Status: INACTIVE, NON-BILLABLE |
| EDR Link ID: FA0817931 |

<table>
<thead>
<tr>
<th>GREAT ANTIQUES INC<em><strong>CLOSED</strong></em></th>
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</thead>
<tbody>
<tr>
<td>140 CALLE DEL OAKS</td>
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<tr>
<td>DEL REY OAKS, CA</td>
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<td>CUPA Listings S102807321</td>
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<td>Relative: Lower</td>
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<tr>
<td>Actual: 113 ft.</td>
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</table>

| CUPA MONTEREY: Facility Id: FA0812316 |
|-----------------|----------------------------------|
| Region: MONTEREY |
| Program/Element Code: 5150 |
| Program/Element: BASE FEE HAZARDOUS WASTE GENERATOR |
| Billing Status: INACTIVE, NON-BILLABLE |
| EDR Link ID: FA0812316 |

<p>| CUPA MONTEREY: Facility Id: FA0812316 |
|-----------------|----------------------------------|
| Region: MONTEREY |
| Program/Element Code: 5040 |</p>
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<thead>
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<th>Map ID</th>
<th>Site</th>
<th>EDR ID Number</th>
<th>Program/Element</th>
<th>Billing Status</th>
<th>EDR Link ID</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Site Elevation</th>
<th>Relative</th>
<th>Actual</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>GREAT ANTIQUES INC*<strong>CLOSED</strong> (Continued)</td>
<td>BASE FEE-HAZARDOUS MATERIALS REGISTRATION</td>
<td>INACTIVE, NON-BILLABLE</td>
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<td>MONTEREY COUNTY</td>
<td>698 ft.</td>
<td>136 ft.</td>
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<td>D16</td>
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<td>UST U004182267</td>
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<tr>
<td>E18</td>
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<td>EDR Link ID: FA0812397</td>
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</tr>
</tbody>
</table>
EDR Historical Auto Stations:

- **Name:** GRAHAM JERRY AUTO BODY
  - **Year:** 1999
  - **Address:** 101 CALLE DEL OAKS

- **Name:** GRAHAM JERRY AUTO BODY
  - **Year:** 2000
  - **Address:** 101 CALLE DEL OAKS

- **Name:** GRAHAM JERRY AUTO BODY
  - **Year:** 2001
  - **Address:** 101 CALLE DEL OAKS

- **Name:** GRAHAM JERRY AUTO BODY
  - **Year:** 2002
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY
  - **Year:** 2003
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY INC
  - **Year:** 2004
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY INC
  - **Year:** 2005
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY INC
  - **Year:** 2008
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY INC
  - **Year:** 2009
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAM AUTO BODY
  - **Year:** 2010
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY
  - **Year:** 2011
  - **Address:** 101 CALLE DEL OAKS

- **Name:** JERRY GRAHAMS AUTO BODY
  - **Year:** 2012
  - **Address:** 101 CALLE DEL OAKS
<table>
<thead>
<tr>
<th>Site</th>
<th>2 of 3 in cluster F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility name:</td>
<td>JERRY GRAHAM AUTO BODY, INC</td>
</tr>
<tr>
<td>Facility address:</td>
<td>101 CALLE DEL OAKS, MONTEREY, CA 93940</td>
</tr>
<tr>
<td>Contact:</td>
<td>ENVIRONMENTAL MANAGER</td>
</tr>
<tr>
<td>Contact address:</td>
<td>101 CALLE DEL OAKS, MONTEREY, CA 93940</td>
</tr>
<tr>
<td>Contact country:</td>
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</tr>
<tr>
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<td>(408) 394-5166</td>
</tr>
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<tr>
<td>EPA Region:</td>
<td>09</td>
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<tr>
<td>Classification:</td>
<td>Small Small Quantity Generator</td>
</tr>
<tr>
<td>Description:</td>
<td>Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
</tr>
</tbody>
</table>

### Owner/Operator Summary
- **Owner/operator name:** JERRY GRAHAM
- **Owner/operator address:** NOT REQUIRED
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (415) 555-1212
- **Legal status:** Private
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

### Handler Activities Summary
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
JERRY GRAHAM AUTO BODY, INC (Continued)

- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Violation Status: No violations found

FINDS:
Registry ID: 110002682277

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
- envid: 1000372293
- Year: 2013
- GEPAID: CAD981367873
- Contact: J GRAHAM
- Telephone: 8313945166
- Mailing Name: Not reported
- Mailing Address: 101 CALLE DEL OAKS
- Mailing City,St,Zip: MONTEREY, CA 939405701
- Gen County: Monterey
- TSD EPA ID: TXD077603371
- TSD County: 99
- Waste Category: Not reported
- Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
- Tons: 0.225
- Facility County: Not reported

- envid: 1000372293
- Year: 2012
- GEPAID: CAD981367873
- Contact: J GRAHAM
- Telephone: 8313945166
- Mailing Name: Not reported
- Mailing Address: 101 CALLE DEL OAKS
- Mailing City,St,Zip: MONTEREY, CA 939405701
- Gen County: Monterey
- TSD EPA ID: TXD077603371
- TSD County: 99
- Waste Category: Not reported
- Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
- Tons: 0.22
### JERRY GRAHAM AUTO BODY, INC (Continued)

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Click this hyperlink while viewing on your computer to access 30 additional CA_HAZNET: record(s) in the EDR Site Report.
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<th>E22</th>
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<th>HIST CORTESE</th>
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<tr>
<td>NW</td>
<td>540 CANYN DEL REY</td>
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<tr>
<td>1/8-1/4</td>
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<tr>
<td>0.187 mi.</td>
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<td>Site 2 of 2 in cluster E</td>
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<tr>
<td>Lower</td>
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<tr>
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MONTEREY PENINSULA US DISTRICT (Continued) 1000401863

SWEEPS UST:
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- Comp Number: 2607
- Number: Not reported
- Board Of Equalization: 44-015200
- Referral Date: Not reported
- Action Date: Not reported
- Created Date: Not reported
- Owner Tank Id: Not reported
- SWRCB Tank Id: 27-043-002607-000001
- Tank Status: Not reported
- Capacity: 12000
- Active Date: Not reported
- Tank Use: M.V. FUEL
- STG: PRODUCT
- Content: DIESEL
- Number Of Tanks: 5
  - Status: Not reported
  - Comp Number: 2607
  - Number: Not reported
  - Board Of Equalization: 44-015200
  - Referral Date: Not reported
  - Action Date: Not reported
  - Created Date: Not reported
  - Owner Tank Id: Not reported
  - SWRCB Tank Id: 27-043-002607-000002
  - Tank Status: Not reported
  - Capacity: 12000
  - Active Date: Not reported
  - Tank Use: M.V. FUEL
  - STG: PRODUCT
  - Content: REG UNLEADED
  - Number Of Tanks: Not reported
  - Status: Not reported
  - Comp Number: 2607
  - Number: Not reported
  - Board Of Equalization: 44-015200
  - Referral Date: Not reported
  - Action Date: Not reported
  - Created Date: Not reported
  - Owner Tank Id: Not reported
  - SWRCB Tank Id: 27-043-002607-000003
  - Tank Status: Not reported
  - Capacity: 550
  - Active Date: Not reported
  - Tank Use: OIL
  - STG: WASTE
  - Content: Not reported
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  - Status: Not reported
  - Comp Number: 2607
  - Number: Not reported
  - Board Of Equalization: 44-015200
  - Referral Date: Not reported
MONTEREY PENINSULA US DISTRICT (Continued)  

MONTEREY, CA 93940  

G24  

EDUCATIONAL SERVICE CENTER  

540 CANYON DEL REY BLVD  

MONTEREY, CA 93940  

HIST UST  U001593652  

N/A  

0.195 mi.  

1032 ft.  

Site 2 of 4 in cluster G  

Relative: Lower  

Actual: 119 ft.  

HIST UST: STATE  

Region:  

Facility ID: 00000002607  

Facility Type: Other  

Other Type: SCHOOL DISTRICT  

Contact Name: MARVIN QUAID  

Telephone: 4086491864  

Owner Name: MONTEREY PENINSULA UNIFIED SCHO  

Owner Address: 700 PACIFIC STREET  

Owner City,St,Zip: MONTEREY, CA 93940  

Total Tanks: 0005  

Tank Num: 001  

Container Num: 1  

Year Installed: 1966  

Tank Capacity: 00012000  

Tank Used for: PRODUCT  

Type of Fuel: DIESEL  

Container Construction Thickness: 1/4  

Leak Detection: Stock Inventor  

Tank Num: 002  

Container Num: 2
### EDUCATIONAL SERVICE CENTER (Continued)

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<th>Container Construction Thickness:</th>
<th>Type of Fuel:</th>
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<th>Year Installed:</th>
<th>Tank Used for:</th>
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<td>WASTE OIL</td>
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<td>00001000</td>
<td>1966</td>
<td>PRODUCT</td>
<td>PRODUCT</td>
<td>97-03-DWQ</td>
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**G25 MONTEREY PENINSULA UNIF SCHOOL**

**NPDES:** S101299047

**NNW:** 540 CANYON DEL REY

**MONTEREY, CA 93940**

**N/A**

**WDS**

**1032 ft.**

**Site 3 of 4 in cluster G**

**Relative:**

- Lower

**Actual:**

- 119 ft.

**NPDES:**

- Npdes Number: CAS0000001
- Facility Status: Active
- Agency Id: 0
- Region: 3
- Regulatory Measure Id: 185143
- Order No: 97-03-DWQ
- Regulatory Measure Type: Enrollee
- Place Id: Not reported
- WDID: 3271003624
- Program Type: Industrial
- Adoption Date Of Regulatory Measure: Not reported
- Effective Date Of Regulatory Measure: 04/06/1992
- Expiration Date Of Regulatory Measure: Not reported
- Termination Date Of Regulatory Measure: Not reported
- Discharge Name: Monterey Peninsula Unified School District
- Discharge Address: 540 Canyon Del Rey Blvd Ste 3
- Discharge City: Monterey
### MONTEREY PENINSULA UNIF SCHOOL (Continued)

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**LUST:**

- **Region:** STATE
- **Global Id:** T0605300371
- **Latitude:** 36.5875929
- **Longitude:** -121.8311388
- **Case Type:** LUST Cleanup Site
- **Status:** Completed - Case Closed
- **Status Date:** 11/16/2007
- **Lead Agency:** MONTEREY COUNTY
- **Case Worker:** CLW
- **Local Agency:** MONTEREY COUNTY
- **RB Case Number:** 734
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affected:** Under Investigation
- **Potential Contaminants of Concern:** Diesel
- **Site History:** Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

- **Global Id:** T0605300371
- **Contact Type:** Regional Board Caseworker
- **Contact Name:** WEI LIU
- **Organization Name:** CENTRAL COAST RWQCB (REGION 3)
- **Address:** 895 AEROVISTA PLACE, SUITE 101
- **City:** SAN LUIS OBISPO
- **Email:** wnliu@waterboards.ca.gov
- **Phone Number:** 8055493147

- **Global Id:** T0605300371
- **Contact Type:** Local Agency Caseworker
- **Contact Name:** CORY WELCH
- **Organization Name:** MONTEREY COUNTY
- **Address:** 1270 NATIVIDAD ROAD, RM 301
- **City:** SALINAS
- **Email:** welchc@co.monterey.ca.us
- **Phone Number:** 8317554570

**Status History:**

- **Global Id:** T0605300371
- **Status:** Completed - Case Closed
- **Status Date:** 11/16/2007

- **Global Id:** T0605300371
- **Status:** Open - Case Begin Date
- **Status Date:** 01/01/1975

- **Global Id:** T0605300371
- **Status:** Open - Site Assessment
- **Status Date:** 01/01/1975

**Regulatory Activities:**
**MONTEREY PENINSULA UNIF SCHOOL** (Continued)

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<td>Date:</td>
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**LUST REG 3:**

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MONTEREY PENINSULA UNIF SCHOOL (Continued)

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Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: 9.50
Beneficial: Not reported
Prior: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: RYAN RANCH
Well Name: LPA REPORTED PRIMARY SOURCE
Distance From Well: 0
Assigned Name: 2702098-001GEN
Summary: Not reported

CA WDS:
Facility ID: Central Coastal 271003624
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 3
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: MONTEREY PENINSULA UFD SCH DIS
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or...
MONTEREY PENINSULA UNIF SCHOOL (Continued)
dischargers having waste storage systems with land disposal such as
dairy waste ponds.

---

G26 MONTEREY PEN. UNIFIED SCHOOL SWEEPS UST
NNW 540 CANYON DEL REY RD. MONTEREY, CA 93940
1/8-1/4 0.195 mi. Site 4 of 4 in cluster G
1032 ft.

Relative: Lower
Actual: 119 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 5741
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 27-000-005741-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: OTHER
Number Of Tanks: 1

---

H27 BUILDING 509 (POM ANNEX) LUST S102509606
SSW BLDG 509 FORT ORD FORT ORD, CA 93944 MCM N/A
1/4-1/2 0.398 mi. Site 1 of 4 in cluster H
2103 ft.

Relative: Higher
Actual: 218 ft.

LUST REG 3:
Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Global ID: T0605300179
Status: Leak being confirmed
Case Number: 2807
Local Case Num: Not reported
Case Type: U
Substance: Diesel
Quantity: Not reported
Abatement Method: Other
Leak Source: UNK
Leak Cause: UNK
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 04/24/1995
Discovered Date: 6/2/95
Enter Date: 01/15/1997
Stop Date: 6/2/95
Review Date: 06/07/1995
Enforce Date: Not reported
Close Date: Not reported
BUILDING 509 (POM ANNEX) (Continued)

Enforcement Type: Not reported
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: IMJIN RD/RESERVATION RD
Local Agency: 27000
Lead Agency: Local Agency
Staff Initials: HHH
Confirm Leak: 6/7/95
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / / 
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / / 
Pilot Program: UST
Interim Action: 0
Funding: 0
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / / 
MTBE Tested: NRQ
Lat/Long: 36.5789603 / -121.8326625
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: 9.50
Beneficial: Not reported
Priority: 3A1
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: RYAN RANCH
Well Name: LPA REPORTED PRIMARY SOURCE
Distance From Well: 0
Assigned Name: 2702098-001GEN
Summary: PROBABLE OVERFILL SPILLAGE, WATER IN EXCAVATION MAY BE FROM A LEAKING WATER LINE IN THE BUILDING. SITE ASSESSMENT TO BE CONDUCTED.

MCS:
Global Id: T0605300179
Latitude: 36.57896
Longitude: -121.8326
Case Type: Military UST Site
Status: Completed - Case Closed
Status Date: 10/10/1997
Lead Agency: MONTEREY COUNTY
Caseworker: CLW
Local Agency: MONTEREY COUNTY
RB Case Number: 2807
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Under Investigation
EDR Link ID: T0605300179
## BUILDING 509 (POM ANNEX) (Continued)

Potential Contaminants of Concern: Diesel  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

<table>
<thead>
<tr>
<th>H28</th>
<th>PX SERVICE STATION (POM ANNEX)</th>
<th>LUST</th>
<th>S102628437</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSW</td>
<td>BLDG 4220 NORTH-SOUTH RD</td>
<td>MCS</td>
<td>N/A</td>
</tr>
<tr>
<td>1/4-1/2</td>
<td>FORT ORD, CA 93944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.398 mi.</td>
<td>2103 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site 2 of 4 in cluster H</td>
<td></td>
<td></td>
<td></td>
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</table>

### Relative:
- Region: 3  
- Regional Board: Central Coast Region  
- Facility County: Monterey  
- Global ID: T0605300147  
- Status: Pollution Characterization  
- Case Number: 2683  
- Local Case Num: Not reported  
- Case Type: U  
- Substance: Gasoline  
- Quantity: Not reported  
- Abatement Method: U  
- Leak Source: Piping  
- Leak Cause: Structure Failure  
- How Stopped: Not reported  
- How Discovered: Tank Test  
- Release Date: 12/07/1994  
- Discovered Date: 12/7/94  
- Enter Date: 01/17/1995  
- Stop Date: 12/7/94  
- Review Date: 06/20/1997  
- Enforce Date: Not reported  
- Close Date: Not reported  
- Enforcement Type: Not reported  
- Responsible Party: Not reported  
- RP Address: Not reported  
- Contact: Not reported  
- Cross Street: MONTEREY  
- Local Agency: 27000  
- Lead Agency: Local Agency  
- Staff Initials: CHK  
- Confirm Leak: 1/17/95  
- Workplan: Not reported  
- Prelim Assess: Not reported  
- Pollution Char: 10/01/1996  
- Remedial Plan: Not reported  
- Remedial Action: Not reported  
- Monitoring: / /  
- Pilot Program: UST  
- Interim Action: 0  
- Funding: Not reported  
- MTBE Class: *  
- Max MTBE Grnd Wtr: Not reported  
- Max MTBE Soil: Not reported  
- Max MTBE Data: / /  
- MTBE Tested: NT  
- Lat/Long: 36.5789603 / -121.8326625
### PX SERVICE STATION (POM ANNEX) (Continued)

| Soil Qualifier | Not reported |
| Mtbe Concentration | 0 |
| Mtbe Fuel | 1 |
| Org Name | Not reported |
| Basin Plan | 9.50 |
| Beneficial | Not reported |
| Priority | 2A4 |
| UST Cleanup Fund ID | Not reported |
| Suspended | Not reported |
| Operator | Not reported |
| Water System | RYAN RANCH |
| Well Name | LPA REPORTED PRIMARY SOURCE |
| Distance From Well | 0 |
| Assigned Name | 2702098-001GEN |

**Summary:**
RECONSILATION RECORDS WERE INCONSISTANT. TANK TEST WAS PERFORMED WITH TIGHT RESULTS. TESTING OF PIPING UNDER HIGHER PRESSURE WAS PERFORMED AND LEAK WAS FOUND UNDERNEATH DISPENSER. CHARACTERIZATION OF CONTAMINATION PLUME REQUIRED.

**MCS:**
- **Global Id:** T0605300147
- **Latitude:** 36.57896
- **Longitude:** -121.8326
- **Case Type:** Military UST Site
- **Status:** Completed - Case Closed
- **Status Date:** 10/10/1997
- **Lead Agency:** MONTEREY COUNTY
- **Caseworker:** CLW
- **Local Agency:** MONTEREY COUNTY
- **RB Case Number:** 2683
- **LOC Case Number:** Not reported
- **File Location:** Not reported
- **Potential Media Affect:** Under Investigation
- **EDR Link ID:** T0605300147
- **Potential Contaminants of Concern:** Gasoline
- **Site History:** Not reported

Click here to access the California GeoTracker records for this facility:
MONTEREY COUNTY SPCA (Continued)

RB Case Number: 32
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0605300260
Contact Type: Regional Board Caseworker
Contact Name: JOHN GONI
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO
Email: jgoni@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0605300260
Contact Type: Local Agency Caseworker
Contact Name: CORY WELCH
Organization Name: MONTEREY COUNTY
Address: 1270 NATIVIDAD ROAD, RM 301
City: SALINAS
Email: welhc@co.monterey.ca.us
Phone Number: 8317554570

Status History:
Global Id: T0605300260
Status: Completed - Case Closed
Status Date: 09/20/1988

Global Id: T0605300260
Status: Open - Case Begin Date
Status Date: 06/01/1988

Global Id: T0605300260
Status: Open - Site Assessment
Status Date: 08/16/1988

Regulatory Activities:
Global Id: T0605300260
Action Type: Other
Date: 06/01/1988
Action: Leak Discovery

Global Id: T0605300260
Action Type: Other
Date: 06/01/1988
Action: Leak Reported
H30  SALINAS RIVER WILDLIFE REFUGE  LUST  S110654732
SSw  SOUTH SIDE OF SALINAS RIVER  N/A
1/4-1/2  MARINA, CA  93942
0.400 mi.  N/A
2112 ft.  N/A
Site 4 of 4 in cluster H

Relative:

Higher

Actual:

213 ft.

LUST:

Region:  STATE
Global Id:  T0605300217
Latitude:  36.5789603
Longitude:  -121.8326625
Case Type:  LUST Cleanup Site
Status:  Completed - Case Closed
Status Date:  12/23/1998
Lead Agency:  MONTEREY COUNTY
Case Worker:  CLW
Local Agency:  MONTEREY COUNTY
RB Case Number:  2918
LOC Case Number:  Not reported
File Location:  State Records Center
Potential Media Affect:  Under Investigation
Potential Contaminants of Concern:  Diesel
Site History:  Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:  T0605300217
Contact Type:  Local Agency Caseworker
Contact Name:  CORY WELCH
Organization Name:  MONTEREY COUNTY
Address:  1270 NATIVIDAD ROAD, RM 301
City:  SALINAS
Email:  welchc@co.monterey.ca.us
Phone Number:  8317554570

Global Id:  T0605300217
Contact Type:  Regional Board Caseworker
Contact Name:  JOHN GONI
Organization Name:  CENTRAL COAST RWQCB (REGION 3)
Address:  895 AEROVISTA PL, SUITE 101
City:  SAN LUIS OBISPO
Email:  jgoni@waterboards.ca.gov
Phone Number:  Not reported

Status History:

Global Id:  T0605300217
Status:  Open - Case Begin Date
Status Date:  06/23/1997

Global Id:  T0605300217
Status:  Completed - Case Closed
Status Date:  12/23/1998

Regulatory Activities:

Global Id:  T0605300217
Action Type:  Other
Date:  06/23/1997
Action:  Leak Discovery
### SALINAS RIVER WILDLIFE REFUGE (Continued)

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### CORRAL DE TIERRA SERVICE

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<td>Status Date:</td>
<td>03/26/1993</td>
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<td>Case Worker:</td>
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<tr>
<td>Contact Type:</td>
<td>Regional Board Caseworker</td>
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<tr>
<td>Contact Name:</td>
<td>JOHN GONI</td>
</tr>
<tr>
<td>Organization Name:</td>
<td>CENTRAL COAST RWQCB (REGION 3)</td>
</tr>
<tr>
<td>Address:</td>
<td>895 AEROVISTA PL, SUITE 101</td>
</tr>
<tr>
<td>City:</td>
<td>SAN LUIS OBISPO</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:jgoni@waterboards.ca.gov">jgoni@waterboards.ca.gov</a></td>
</tr>
<tr>
<td>Phone Number:</td>
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<td>Status:</td>
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CORRAL DE TIERRA SERVICE  (Continued)

Status Date: 05/03/1991
Global Id: T06053000038
Status: Open - Site Assessment
Status Date: 08/07/1991

Regulatory Activities:
Global Id: T06053000038
Action Type: Other
Date: 05/03/1991
Action: Leak Discovery

Global Id: T06053000038
Action Type: Other
Date: 07/10/1991
Action: Leak Reported

32 FORT ORD-DEL REY OAKS DEVELOPMENT
NE DEL REY OAKS
1/2-1 MONTEREY, CA 93941
0.634 mi.
3346 ft.

Relative:
Higher

Actual:
250 ft.

CORTESCA:
Region: CORTESCA
Envirostor Id: 80001194
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: ACTIVE
Status Date: 08/18/2006
Site Code: 201679
Latitude: 36.590789
Longitude: -121.82145
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

DEED:
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/17/2012
EDR Link ID: 80001194

ENVIROSTOR:

TC4200906.2s  Page 134
FORT ORD-DEL REY OAKS DEVELOPMENT (Continued)  S108054391

Facility ID: 80001194
Status: Active
Status Date: 08/18/2006
Site Code: 201679
Site Type: Federal Superfund
Site Type Detailed: Closed Base
Acres: 0.01
NPL: YES
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ed Walker
Supervisor: Noel Shrum
Division Branch: Cleanup Sacramento
Assembly: 29
Senate: 17
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Other Non-Military Funds
Latitude: 36.59078
Longitude: -121.8214
APN: NONE SPECIFIED
Past Use: FIRING RANGE - ARTILLERY
Potential COC: Explosives (UXO, MEC
Confirmed COC: 30011-NO
Potential Description: SOIL

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Memorandum of Agreement - IAG
Completed Date: 01/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 09/08/2010
Comments: Relevant Deeds and supporting documentation have been satisfactorily provided.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Amendment
Completed Date: 09/17/2012
Comments: Not reported
FORT ORD-DEL REY OAKS DEVELOPMENT (Continued)  

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported
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<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
<th>Database(s)</th>
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<tr>
<td>MONTEREY</td>
<td>S101481331</td>
<td>BRADLEY SOLID WASTE LANDFILL</td>
<td>BRADLEY AT US 101 AND SALINAS</td>
<td>93940</td>
<td>ENVIROSTOR</td>
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</table>
To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA’s Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

- Date of Government Version: 09/29/2014
- Date Data Arrived at EDR: 10/08/2014
- Date Made Active in Reports: 11/17/2014
- Number of Days to Update: 40

**NPL Site Boundaries**

Sources:

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  - Telephone: 202-564-7333

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<td>215-814-5418</td>
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<tr>
<td>4</td>
<td>404-562-8033</td>
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<td>303-312-6774</td>
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<td>206-553-8665</td>
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</table>

**Proposed NPL:** Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

- Date of Government Version: 09/29/2014
- Date Data Arrived at EDR: 10/08/2014
- Date Made Active in Reports: 11/17/2014
- Number of Days to Update: 40

**NPL LIENS:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

- Date of Government Version: 10/15/1991
- Date Data Arrived at EDR: 02/02/1994
- Date Made Active in Reports: 03/30/1994
- Number of Days to Update: 56
Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40
Source: EPA
Telephone: N/A
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time.
This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94
Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

Federal RCRA CORACTS facilities list

CORACTS: Corrective Action Report
CORACTS identifies hazardous waste handlers with RCRA corrective action activity.
Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

RCRA-SQG: RCRA - Small Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.
Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

- Date of Government Version: 09/18/2014
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 12/03/2014
- Next Scheduled EDR Contact: 03/16/2015
- Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

- Date of Government Version: 09/18/2014
- Source: Environmental Protection Agency
- Telephone: 703-603-0695
- Last EDR Contact: 12/03/2014
- Next Scheduled EDR Contact: 03/16/2015
- Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

- Date of Government Version: 12/03/2014
- Source: Department of the Navy
- Telephone: 843-820-7326
- Last EDR Contact: 11/17/2014
- Next Scheduled EDR Contact: 03/02/2015
- Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

- Date of Government Version: 09/29/2014
- Source: National Response Center, United States Coast Guard
- Telephone: 202-267-2180
- Last EDR Contact: 12/29/2014
- Next Scheduled EDR Contact: 04/13/2015
- Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites
Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

- Date of Government Version: 11/03/2014
- Source: Department of Toxic Substances Control
- Telephone: 916-323-3400
- Last EDR Contact: 02/03/2015
- Next Scheduled EDR Contact: 05/18/2015
- Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS
ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control’s (DTSC’s) Site Mitigation and Brownfields Reuse Program’s (SMBRP’s) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/03/2014  
Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/03/2015  
Next Scheduled EDR Contact: 05/18/2015  
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System  
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/17/2014  
Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 11/19/2014  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 3: Leaking Underground Storage Tank Database  
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List  

Date of Government Version: 09/30/2004  
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing  

Date of Government Version: 06/07/2005  
Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned
LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27
Next Scheduled EDR Contact: 11/14/2011

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Next Scheduled EDR Contact: 12/19/2011

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 09/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9
Next Scheduled EDR Contact: 10/17/2011

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595

LUST: Geotracker’s Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/12/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/05/2015
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list

Data Release Frequency: Quarterly
LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

LUST REG 2: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board’s LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 12/12/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/05/2015
Number of Days to Update: 21

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28
SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47  
Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16  
Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22  
Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35  
Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36  
Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11  
Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually
SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 19
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually
INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12
Data Release Frequency: Varies

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184
Data Release Frequency: Varies

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 6
Data Release Frequency: Semi-Annually

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21
Data Release Frequency: Quarterly

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/23/2014
Next Scheduled EDR Contact: 04/13/2015

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12
Data Release Frequency: Varies

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8
Data Release Frequency: Semi-Annually

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Data Release Frequency: Semi-Annually
INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

INDIAN UST R10: Underground Storage Tanks on Indian Land

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.
State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC’s costs.

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

INDIAN VCP R7: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Local Lists of Landfill / Solid Waste Disposal Sites
ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/15/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 42
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 12/01/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 53
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/12/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: No Update Planned
Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014  Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014  Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014  Last EDR Contact: 11/25/2014
Number of Days to Update: 41  Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006  Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006  Last EDR Contact: 02/23/2009
Number of Days to Update: 21  Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/03/2014  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/04/2014  Telephone: 916-323-3400
Date Made Active in Reports: 12/12/2014  Last EDR Contact: 02/03/2015
Number of Days to Update: 38  Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995  Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995  Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995  Last EDR Contact: 01/26/2009
Number of Days to Update: 27  Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2014  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/02/2014  Telephone: 916-255-6504
Date Made Active in Reports: 09/24/2014  Last EDR Contact: 01/12/2015
Number of Days to Update: 22  Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies
US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24
Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990’s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA (‘Superfund’) lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.
### LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/15/2014</th>
<th>Source: Department of Toxic Substances Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/18/2014</td>
<td>Telephone: 916-323-3400</td>
</tr>
<tr>
<td>Date Made Active in Reports: 01/23/2015</td>
<td>Last EDR Contact: 12/05/2014</td>
</tr>
<tr>
<td>Number of Days to Update: 36</td>
<td>Next Scheduled EDR Contact: 03/23/2015</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>

### DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program’s oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder’s office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/08/2014</th>
<th>Source: DTSC and SWRCB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/09/2014</td>
<td>Telephone: 916-323-3400</td>
</tr>
<tr>
<td>Date Made Active in Reports: 01/23/2015</td>
<td>Last EDR Contact: 12/09/2014</td>
</tr>
<tr>
<td>Number of Days to Update: 45</td>
<td>Next Scheduled EDR Contact: 03/23/2015</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Semi-Annually</td>
</tr>
</tbody>
</table>

### Records of Emergency Release Reports
HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

<table>
<thead>
<tr>
<th>Date of Government Version: 09/30/2014</th>
<th>Source: U.S. Department of Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 10/01/2014</td>
<td>Telephone: 202-366-4555</td>
</tr>
<tr>
<td>Date Made Active in Reports: 11/06/2014</td>
<td>Last EDR Contact: 12/30/2014</td>
</tr>
<tr>
<td>Number of Days to Update: 36</td>
<td>Next Scheduled EDR Contact: 04/13/2015</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Annually</td>
</tr>
</tbody>
</table>

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

<table>
<thead>
<tr>
<th>Date of Government Version: 10/27/2014</th>
<th>Source: Office of Emergency Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 10/29/2014</td>
<td>Telephone: 916-845-8400</td>
</tr>
<tr>
<td>Date Made Active in Reports: 12/10/2014</td>
<td>Last EDR Contact: 01/28/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 42</td>
<td>Next Scheduled EDR Contact: 05/11/2015</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Varies</td>
</tr>
</tbody>
</table>

LDS: Land Disposal Sites Listing
The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

<table>
<thead>
<tr>
<th>Date of Government Version: 12/12/2014</th>
<th>Source: State Water Quality Control Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Data Arrived at EDR: 12/15/2014</td>
<td>Telephone: 866-480-1028</td>
</tr>
<tr>
<td>Date Made Active in Reports: 01/05/2015</td>
<td>Last EDR Contact: 01/21/2015</td>
</tr>
<tr>
<td>Number of Days to Update: 21</td>
<td>Next Scheduled EDR Contact: 03/30/2015</td>
</tr>
<tr>
<td></td>
<td>Data Release Frequency: Quarterly</td>
</tr>
</tbody>
</table>
MCS: Military Cleanup Sites Listing
The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/12/2014  Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/15/2014  Telephone: 866-480-1028
Date Made Active in Reports: 01/05/2015  Last EDR Contact: 01/21/2015
Number of Days to Update: 21  Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012  Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013  Telephone: N/A
Date Made Active in Reports: 02/22/2013  Last EDR Contact: 01/03/2013
Number of Days to Update: 50  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records
RCRA NonGen / NLR: RCRA - Non Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014  Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/29/2014  Telephone: (415) 495-8895
Date Made Active in Reports: 01/29/2015  Last EDR Contact: 12/29/2014
Number of Days to Update: 31  Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  Source: Department of Transporation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012  Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012  Last EDR Contact: 02/03/2015
Number of Days to Update: 42  Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  Source: USGS
Date Data Arrived at EDR: 11/10/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 01/15/2015
Number of Days to Update: 62  Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.
| Date of Government Version: 06/06/2014 | Source: U.S. Army Corps of Engineers |
| Date Data Arrived at EDR: 09/10/2014 | Telephone: 202-528-4285 |
| Date Made Active in Reports: 09/18/2014 | Last EDR Contact: 12/12/2014 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 03/23/2015 |

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

| Date of Government Version: 12/31/2013 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 01/24/2014 | Telephone: Varies |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 12/24/2014 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 04/13/2015 |

ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

| Date of Government Version: 11/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 12/12/2013 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 12/12/2014 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 03/23/2015 |

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

| Date of Government Version: 09/14/2010 | Source: Department of Energy |
| Date Data Arrived at EDR: 10/07/2011 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 11/26/2014 |
| Number of Days to Update: 146 | Next Scheduled EDR Contact: 03/09/2015 |

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

| Date of Government Version: 12/30/2014 | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 12/31/2014 | Telephone: 303-231-5959 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 12/30/2014 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 03/16/2015 |

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

| Date of Government Version: 12/31/2011 | Source: EPA |
| Date Data Arrived at EDR: 07/31/2013 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 09/13/2013 | Last EDR Contact: 01/29/2015 |
| Number of Days to Update: 44 | Next Scheduled EDR Contact: 03/09/2015 |

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.
FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.
ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB’s who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and ‘pointers’ to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/16/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly
RAATS: RCRA Administrative Action Tracking System
RCRA Administrative Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

RMP: Risk Management Plans
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 86

BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014  
Date Data Arrived at EDR: 12/15/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 45
NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.
Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 40
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

CORTESSE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).
Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 36
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

HIST CORTESSE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL-SITES]. This listing is no longer updated by the state agency.
Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.
Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/18/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner’s agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.
Date of Government Version: 06/28/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 08/21/2014
Number of Days to Update: 49
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.
Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/23/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies
ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of
Violation, Expedited Payment Letter, and Staff Enforcement Letter.
Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year
by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately
350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain
some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.
Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater
than 640 acres.
Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office
of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established
drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas,
Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.
Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.
Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly
PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties
Date of Government Version: 10/25/2013  Source: EPA
Date Data Arrived at EDR: 10/17/2014  Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014  Last EDR Contact: 12/29/2015
Number of Days to Update: 3  Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011  Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012  Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012  Last EDR Contact: 11/14/2014
Number of Days to Update: 7  Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.
Date of Government Version: 04/05/2001  Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010  Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010  Last EDR Contact: 12/02/2009
Number of Days to Update: 36  Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.
Date of Government Version: 11/25/2014  Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014  Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015  Last EDR Contact: 01/05/2015
Number of Days to Update: 64  Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.
Date of Government Version: 11/24/2014  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/25/2014  Telephone: 916-323-3400
Date Made Active in Reports: 12/30/2014  Last EDR Contact: 11/25/2014
Number of Days to Update: 35  Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.
Date of Government Version: 01/12/2015  Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/13/2015  Telephone: 916-440-7145
Date Made Active in Reports: 02/03/2015  Last EDR Contact: 01/13/2015
Number of Days to Update: 21  Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Quarterly
COAL ASH DOE: Steam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009  Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009  Last EDR Contact: 01/15/2015
Number of Days to Update: 76  Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/13/2014  Source: Department of Public Health
Date Data Arrived at EDR: 12/09/2014  Telephone: 916-558-1784
Date Made Active in Reports: 01/26/2015  Last EDR Contact: 12/09/2014
Number of Days to Update: 48  Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Date Data Arrived at EDR: 02/06/2006  Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007  Last EDR Contact: 01/15/2015
Number of Days to Update: 339  Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014  Source: EPA
Date Data Arrived at EDR: 10/31/2014  Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014  Last EDR Contact: 12/23/2014
Number of Days to Update: 17  Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014  Source: EPA
Date Data Arrived at EDR: 10/31/2014  Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014  Last EDR Contact: 12/23/2014
Number of Days to Update: 17  Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.
### Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

| Date Data Arrived at EDR: | 11/18/2014 | Telephone: | 916-341-6066 |
| Date Made Active in Reports: | 12/29/2014 | Last EDR Contact: | 11/26/2014 |
| Number of Days to Update: | 41 | Next Scheduled EDR Contact: | 03/02/2015 |
| Data Release Frequency: | | |

### PROC: Certified Processors Database
A listing of certified processors.

| Date of Government Version: | 12/15/2014 | Source: | Department of Conservation |
| Date Data Arrived at EDR: | 12/15/2014 | Telephone: | 916-323-3836 |
| Date Made Active in Reports: | 01/26/2015 | Last EDR Contact: | 12/15/2014 |
| Number of Days to Update: | 42 | Next Scheduled EDR Contact: | 03/30/2015 |
| Data Release Frequency: | Varies |

### Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information

| Date of Government Version: | 10/28/2014 | Source: | Department of Toxic Substances Control |
| Date Data Arrived at EDR: | 10/30/2014 | Telephone: | 916-255-3628 |
| Date Made Active in Reports: | 12/10/2014 | Last EDR Contact: | 01/26/2015 |
| Number of Days to Update: | 41 | Next Scheduled EDR Contact: | 05/11/2015 |
| Data Release Frequency: | Quarterly |

### PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

| Date of Government Version: | 02/01/2011 | Source: | Environmental Protection Agency |
| Date Data Arrived at EDR: | 10/19/2011 | Telephone: | 202-566-0517 |
| Date Made Active in Reports: | 01/10/2012 | Last EDR Contact: | 01/30/2015 |
| Number of Days to Update: | 83 | Next Scheduled EDR Contact: | 05/11/2015 |
| Data Release Frequency: | Varies |

### EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

| Date of Government Version: | 08/30/2013 | Source: | Environmental Protection Agency |
| Date Data Arrived at EDR: | 03/21/2014 | Telephone: | 617-520-3000 |
| Date Made Active in Reports: | 08/17/2014 | Last EDR Contact: | 11/14/2014 |
| Number of Days to Update: | 98 | Next Scheduled EDR Contact: | 02/23/2015 |
| Data Release Frequency: | Quarterly |
COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR’s researchers. Manufactured gas sites were used in the United States from the 1800’s to 1950’s to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies
EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

- Date of Government Version: N/A
- Date Data Arrived at EDR: 07/01/2013
- Date Made Active in Reports: 12/30/2013
- Number of Days to Update: 182
- Source: State Water Resources Control Board
- Telephone: N/A
- Last EDR Contact: 06/01/2012
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

- Date of Government Version: N/A
- Date Data Arrived at EDR: 07/01/2013
- Date Made Active in Reports: 01/13/2014
- Number of Days to Update: 196
- Source: Department of Resources Recycling and Recovery
- Telephone: N/A
- Last EDR Contact: 06/01/2012
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

- Date of Government Version: 10/21/2014
- Date Data Arrived at EDR: 11/07/2014
- Date Made Active in Reports: 12/12/2014
- Number of Days to Update: 35
- Source: Alameda County Environmental Health Services
- Telephone: 510-567-6700
- Last EDR Contact: 12/29/2014
- Next Scheduled EDR Contact: 04/13/2015
- Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

- Date of Government Version: 10/21/2014
- Date Data Arrived at EDR: 11/07/2014
- Date Made Active in Reports: 12/15/2014
- Number of Days to Update: 38
- Source: Alameda County Environmental Health Services
- Telephone: 510-567-6700
- Last EDR Contact: 12/29/2014
- Next Scheduled EDR Contact: 04/13/2015
- Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

- Date of Government Version: 12/08/2014
- Date Data Arrived at EDR: 12/11/2014
- Date Made Active in Reports: 01/23/2015
- Number of Days to Update: 43
- Source: Amador County Environmental Health
- Telephone: 209-223-6439
- Last EDR Contact: 12/05/2014
- Next Scheduled EDR Contact: 03/23/2015
- Data Release Frequency: Varies

BUTTE COUNTY:
CUPA Facility Listing
Cupa facility list.
Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44
Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:
CUPA Facility Listing
Cupa facility list.
Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 43
Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:
CUPA Facility List
Cupa facility list.
Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24
Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:
Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.
Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 01/06/2015
Number of Days to Update: 48
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:
CUPA Facility List
Cupa Facility list.
Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38
Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EL DORADO COUNTY:
CUPA Facility List

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA’s are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/14/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 36

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

Date of Government Version: 12/11/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 39

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

KERN COUNTY:
Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.
Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

KINGS COUNTY:
CUPA Facility List
A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary
for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program
as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration,
permits, inspections, and enforcement activities.
Date of Government Version: 11/21/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 35
Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

LAKE COUNTY:
CUPA Facility List
Cupa facility list
Date of Government Version: 10/20/2014
Date Data Arrived at EDR: 10/21/2014
Date Made Active in Reports: 01/05/2015
Number of Days to Update: 76
Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:
San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.
Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/18/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.
Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 41
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.
## City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/05/2009</td>
<td>Engineering &amp; Construction Division</td>
<td>213-473-7869</td>
<td>01/19/2015</td>
<td>05/04/2015</td>
<td>Varies</td>
</tr>
</tbody>
</table>

## Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/07/2014</td>
<td>Community Health Services</td>
<td>323-890-7806</td>
<td>01/19/2015</td>
<td>05/04/2015</td>
<td>Varies</td>
</tr>
</tbody>
</table>

## City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/20/2014</td>
<td>City of El Segundo Fire Department</td>
<td>310-524-2236</td>
<td>02/02/2015</td>
<td>05/04/2015</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

## City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/01/2014</td>
<td>City of Long Beach Fire Department</td>
<td>562-570-2563</td>
<td>01/26/2015</td>
<td>05/11/2015</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

## City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/08/2015</td>
<td>City of Torrance Fire Department</td>
<td>310-618-2973</td>
<td>01/12/2015</td>
<td>04/27/2015</td>
<td>Semi-Annually</td>
</tr>
</tbody>
</table>

## MADERA COUNTY:

### CUPA Facility List
A listing of sites included in the county’s Certified Unified Program Agency database. California’s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.
MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.
### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/15/2008</td>
<td>Napa County Department of Environmental Management</td>
<td>707-253-4269</td>
<td>11/25/2014</td>
<td>03/16/2015</td>
<td>No Update Planned</td>
</tr>
<tr>
<td>06/16/2011</td>
<td>Napa County Department of Environmental Management</td>
<td>707-253-4269</td>
<td>11/25/2014</td>
<td>03/16/2015</td>
<td>No Update Planned</td>
</tr>
</tbody>
</table>

### NEVADA COUNTY:

**CUPA Facility List**

CUPA facility list.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/16/2014</td>
<td>Community Development Agency</td>
<td>530-265-1467</td>
<td>12/15/2014</td>
<td>02/16/2015</td>
<td>Varies</td>
</tr>
</tbody>
</table>

### ORANGE COUNTY:

**List of Industrial Site Cleanups**

Petroleum and non-petroleum spills.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/01/2014</td>
<td>Health Care Agency</td>
<td>714-834-3446</td>
<td>11/05/2014</td>
<td>02/23/2015</td>
<td>Annually</td>
</tr>
<tr>
<td>11/12/2014</td>
<td>Health Care Agency</td>
<td>714-834-3446</td>
<td>11/05/2014</td>
<td>02/23/2015</td>
<td>Annually</td>
</tr>
</tbody>
</table>

**List of Underground Storage Tank Cleanups**

Orange County Underground Storage Tank Cleanups (LUST).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/01/2014</td>
<td>Health Care Agency</td>
<td>714-834-3446</td>
<td>11/05/2014</td>
<td>02/23/2015</td>
<td>Annually</td>
</tr>
<tr>
<td>11/12/2014</td>
<td>Health Care Agency</td>
<td>714-834-3446</td>
<td>11/05/2014</td>
<td>02/23/2015</td>
<td>Annually</td>
</tr>
</tbody>
</table>

**List of Underground Storage Tank Facilities**

Orange County Underground Storage Tank Facilities (UST).

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

### PLACER COUNTY:
Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2014
Date Data Arrived at EDR: 12/09/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 48

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/05/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/10/2014
Date Made Active in Reports: 11/20/2014
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/10/2014
Date Made Active in Reports: 11/25/2014
Number of Days to Update: 46

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 01/07/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 27

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.
SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

SAN FRANCISCO COUNTY:

Local Oversight Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

SAN JOAQUIN COUNTY:
San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.
Date of Government Version: 01/08/2015  
Date Data Arrived at EDR: 01/12/2015  
Date Made Active in Reports: 01/27/2015  
Number of Days to Update: 15  
Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 01/05/2015  
Next Scheduled EDR Contact: 04/06/2015  
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.
Date of Government Version: 11/21/2014  
Date Data Arrived at EDR: 11/24/2014  
Date Made Active in Reports: 12/30/2014  
Number of Days to Update: 36  
Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/21/2014  
Next Scheduled EDR Contact: 03/09/2015  
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.
Date of Government Version: 01/09/2015  
Date Data Arrived at EDR: 01/12/2015  
Date Made Active in Reports: 02/03/2015  
Number of Days to Update: 22  
Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/15/2014  
Next Scheduled EDR Contact: 03/30/2015  
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.
Date of Government Version: 12/15/2014  
Date Data Arrived at EDR: 12/18/2014  
Date Made Active in Reports: 01/26/2015  
Number of Days to Update: 39  
Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/11/2014  
Next Scheduled EDR Contact: 03/30/2015  
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.
Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28  
Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 11/19/2014  
Next Scheduled EDR Contact: 03/09/2015  
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list
HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county.
Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/10/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 35

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/11/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 43

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SOLANO COUNTY:
Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/17/2014
Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 11/24/2014
Telephone: 707-784-6770
Date Made Active in Reports: 01/05/2015
Last EDR Contact: 12/11/2014
Number of Days to Update: 42
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:
Cupa Facility List
Cupa Facility list

Date of Government Version: 09/30/2014
Source: County of Sonoma Fire & Emergency Services Department
Date Data Arrived at EDR: 10/02/2014
Telephone: 707-565-1174
Date Made Active in Reports: 11/20/2014
Last EDR Contact: 12/29/2014
Number of Days to Update: 49
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2015
Source: Department of Health Services
Date Data Arrived at EDR: 01/06/2015
Telephone: 707-565-6565
Date Made Active in Reports: 02/03/2015
Last EDR Contact: 12/29/2014
Number of Days to Update: 28
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:
Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/08/2014
Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 12/08/2014
Telephone: 530-822-7500
Date Made Active in Reports: 01/27/2015
Last EDR Contact: 12/05/2014
Number of Days to Update: 50
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:
CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2014
Source: Division of Environmental Health
Date Data Arrived at EDR: 10/29/2014
Telephone: 209-533-5633
Date Made Active in Reports: 12/12/2014
Last EDR Contact: 01/26/2015
Number of Days to Update: 44
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

VENTURA COUNTY:
Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/29/2014  
Source: Ventura County Environmental Health Division  
Date Data Arrived at EDR: 11/24/2014  
Telephone: 805-654-2813  
Date Made Active in Reports: 12/29/2014  
Last EDR Contact: 11/17/2014  
Number of Days to Update: 35  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Source: Environmental Health Division  
Date Data Arrived at EDR: 12/01/2011  
Telephone: 805-654-2813  
Date Made Active in Reports: 01/19/2012  
Last EDR Contact: 01/05/2015  
Number of Days to Update: 49  
Next Scheduled EDR Contact: 04/20/2015  
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008  
Source: Environmental Health Division  
Date Data Arrived at EDR: 06/24/2008  
Telephone: 805-654-2813  
Date Made Active in Reports: 07/31/2008  
Last EDR Contact: 11/17/2014  
Number of Days to Update: 37  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2014  
Source: Ventura County Resource Management Agency  
Date Data Arrived at EDR: 10/29/2014  
Telephone: 805-654-2813  
Date Made Active in Reports: 12/12/2014  
Last EDR Contact: 01/26/2015  
Number of Days to Update: 44  
Next Scheduled EDR Contact: 05/11/2015  
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2014  
Source: Environmental Health Division  
Date Data Arrived at EDR: 12/15/2014  
Telephone: 805-654-2813  
Date Made Active in Reports: 02/02/2015  
Last EDR Contact: 12/15/2014  
Number of Days to Update: 49  
Next Scheduled EDR Contact: 03/30/2015  
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2014  
Source: Yolo County Department of Health  
Date Data Arrived at EDR: 12/23/2014  
Telephone: 530-666-8646  
Date Made Active in Reports: 01/27/2015  
Last EDR Contact: 12/18/2014  
Number of Days to Update: 35  
Next Scheduled EDR Contact: 04/06/2015  
Data Release Frequency: Annually

YUBA COUNTY:
### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**CT MANIFEST: Hazardous Waste Manifest Data**
- Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.
- **Date of Government Version:** 07/30/2013
- **Date Data Arrived at EDR:** 08/19/2013
- **Date Made Active in Reports:** 10/03/2013
- **Number of Days to Update:** 45
- **Source:** Department of Energy & Environmental Protection
- **Telephone:** 860-424-3375
- **Last EDR Contact:** 11/17/2014
- **Next Scheduled EDR Contact:** 03/02/2015
- **Data Release Frequency:** No Update Planned

**NJ MANIFEST: Manifest Information**
- Hazardous waste manifest information.
- **Date of Government Version:** 12/31/2011
- **Date Data Arrived at EDR:** 07/19/2012
- **Date Made Active in Reports:** 08/28/2012
- **Number of Days to Update:** 40
- **Source:** Department of Environmental Protection
- **Telephone:** N/A
- **Last EDR Contact:** 01/12/2015
- **Next Scheduled EDR Contact:** 04/27/2015
- **Data Release Frequency:** Annually

**NY MANIFEST: Facility and Manifest Data**
- Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.
- **Date of Government Version:** 11/01/2014
- **Date Data Arrived at EDR:** 11/05/2014
- **Date Made Active in Reports:** 11/24/2014
- **Number of Days to Update:** 19
- **Source:** Department of Environmental Conservation
- **Telephone:** 518-402-8651
- **Last EDR Contact:** 02/04/2015
- **Next Scheduled EDR Contact:** 05/18/2015
- **Data Release Frequency:** Annually

**PA MANIFEST: Manifest Information**
- Hazardous waste manifest information.
- **Date of Government Version:** 12/31/2013
- **Date Data Arrived at EDR:** 07/21/2014
- **Date Made Active in Reports:** 08/25/2014
- **Number of Days to Update:** 35
- **Source:** Department of Environmental Protection
- **Telephone:** 717-783-8990
- **Last EDR Contact:** 01/19/2015
- **Next Scheduled EDR Contact:** 05/04/2015
- **Data Release Frequency:** Annually

**RI MANIFEST: Manifest information**
- Hazardous waste manifest information.
- **Date of Government Version:** 12/31/2013
- **Date Data Arrived at EDR:** 07/15/2014
- **Date Made Active in Reports:** 08/13/2014
- **Number of Days to Update:** 29
- **Source:** Department of Environmental Management
- **Telephone:** 401-222-2797
- **Last EDR Contact:** 11/26/2014
- **Next Scheduled EDR Contact:** 03/09/2015
- **Data Release Frequency:** Annually
Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5’ Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.
EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Source: Topography has been determined from the USGS 7.5’ Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.
HYDROLOGIC INFORMATION
Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<table>
<thead>
<tr>
<th>Target Property County</th>
<th>Flood Plain Panel at Target Property</th>
<th>Additional Panels in search area</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONTEREY, CA</td>
<td>06053C - FEMA DFIRM Flood data</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>

HYDROGEOLOGIC INFORMATION
Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:
- Search Radius: 1.25 miles
- Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1/2 - 1 Mile WNW</td>
<td>SSW</td>
</tr>
</tbody>
</table>

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.
GROUNDWATER FLOW VELOCITY INFORMATION
Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

<table>
<thead>
<tr>
<th>Era:</th>
<th>Cenozoic</th>
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<tbody>
<tr>
<td>System:</td>
<td>Quaternary</td>
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<tr>
<td>Series:</td>
<td>Quaternary</td>
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<tr>
<td>Code:</td>
<td>Q</td>
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</tbody>
</table>

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

(decoded above as Era, System & Series)

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture’s (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

**Soil Map ID: 1**

<table>
<thead>
<tr>
<th>Boundary Information</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layer</td>
<td>Upper</td>
<td>Lower</td>
<td>AASHTO Group</td>
<td>Unified Soil</td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>1</td>
<td>0 inches</td>
<td>18 inches</td>
<td>fine sandy loam</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>2</td>
<td>18 inches</td>
<td>42 inches</td>
<td>clay</td>
<td>Not reported</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 0.42 Min: 0.01</td>
</tr>
<tr>
<td>3</td>
<td>42 inches</td>
<td>61 inches</td>
<td>sandy clay loam</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 1.4 Min: 0.42</td>
</tr>
</tbody>
</table>

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**Soil Map ID: 2**

<table>
<thead>
<tr>
<th>Boundary Information</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layer</td>
<td>Upper</td>
<td>Lower</td>
<td>AASHTO Group</td>
<td>Unified Soil</td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>1</td>
<td>0 inches</td>
<td>18 inches</td>
<td>fine sandy loam</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 14 Min: 4</td>
</tr>
<tr>
<td>2</td>
<td>18 inches</td>
<td>42 inches</td>
<td>clay</td>
<td>Not reported</td>
<td>FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Max: 0.42 Min: 0.01</td>
</tr>
<tr>
<td>3</td>
<td>42 inches</td>
<td>61 inches</td>
<td>sandy clay loam</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max: 1.4 Min: 0.42</td>
</tr>
</tbody>
</table>
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>59 inches</td>
<td>muck</td>
<td>A-8</td>
<td>Highly organic soils, Peat.</td>
<td>Max: 141 Min: 42</td>
</tr>
</tbody>
</table>

Soil Map ID: 3

Soil Component Name: Arnold

Soil Surface Texture: Loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>48 inches</td>
<td>Loamy fine sand</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand</td>
<td>Max: 141 Min: 42</td>
</tr>
<tr>
<td>2</td>
<td>48 inches</td>
<td>51 inches</td>
<td>Weathered bedrock</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 4 Min: 1.4</td>
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</table>
Soil Map ID: 4

Soil Component Name: Baywood
Soil Surface Texture: sand
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class: Somewhat excessively drained
Hydic Status: Not hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Soil Texture Class</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>59 inches</td>
<td>sand</td>
<td>Not reported COARSE-GRAINED SOILS, Sands,</td>
<td>Max: 141</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sands with fines, Silty Sand.</td>
<td>Min: 42</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Min: 7.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Min: 5.1</td>
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</tbody>
</table>

Soil Map ID: 5

Soil Component Name: Narlon
Soil Surface Texture: loamy fine sand
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Somewhat poorly drained
Hydic Status: Partially hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 31 inches
### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>Lower</td>
<td>Soil Texture Class</td>
<td>AASHTO Group</td>
<td>Unified Soil</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>0 inches</td>
<td>12 inches</td>
<td>loamy fine sand</td>
<td>Not reported</td>
</tr>
<tr>
<td>2</td>
<td>12 inches</td>
<td>53 inches</td>
<td>clay</td>
<td>Not reported</td>
</tr>
<tr>
<td>3</td>
<td>53 inches</td>
<td>57 inches</td>
<td>weathered bedrock</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

---

### Soil Map ID: 6

- **Soil Component Name:** Aquic Xerofluvents
- **Soil Surface Texture:** variable
- **Hydrologic Group:** Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
- **Soil Drainage Class:** Somewhat poorly drained
- **Hydric Status:** Partially hydric
- **Corrosion Potential - Uncoated Steel:** Moderate
- **Depth to Bedrock Min:** > 0 inches
- **Depth to Watertable Min:** > 122 inches
Soil Map ID: 7

Soil Component Name: Arnold

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydraulic Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

### Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Upper</th>
<th>Lower</th>
<th>Soil Texture Class</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>48 inches</td>
<td>loamy fine sand</td>
<td>Not reported</td>
<td>COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand</td>
<td>Max: 141 Min: 42</td>
<td>Max: 7.3 Min: 5.1</td>
</tr>
<tr>
<td>2</td>
<td>48 inches</td>
<td>51 inches</td>
<td>weathered bedrock</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 4 Min: 1.4</td>
<td>Min:</td>
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</tbody>
</table>

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
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<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
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</table>
### FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>3</td>
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<td>1/2 - 1 Mile NNW</td>
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</tbody>
</table>

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
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<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No PWS System Found</td>
</tr>
</tbody>
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Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<table>
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<th>WELL ID</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>A1</td>
<td>CADW50000022967</td>
<td>1/2 - 1 Mile North</td>
</tr>
<tr>
<td>A2</td>
<td>CADW50000022968</td>
<td>1/2 - 1 Mile North</td>
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<tr>
<td>5</td>
<td>CADW50000022983</td>
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### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

<table>
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<th>MAP ID</th>
<th>WELL ID</th>
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<tbody>
<tr>
<td>1</td>
<td>CAOG9A000204766</td>
<td>1/4 - 1/2 Mile NNW</td>
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</tbody>
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### GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

#### A1

**North**

<table>
<thead>
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<th>1/2 - 1 Mile</th>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 - 1 Mile</td>
<td>CA WELLS</td>
<td>CADW50000022967</td>
</tr>
</tbody>
</table>

- **Latitude**: 36.594658
- **Longitude**: 121.828828
- **Site code**: 365947N1218288W001
- **Local well**: MPWMD #FO-04-Shallow
- **County id**: 27
- **Basin cd**: 3-4.08
- **Org unit n**: South Central Region Office
- **Casgem sta**: Not Reported
- **Casgem s 1**: Observation
- **Monloc desc**: Seaside Area
- **Site id**: CADW50000022967

#### A2

**North**

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<th>Database</th>
<th>EDR ID Number</th>
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<tr>
<td>1/2 - 1 Mile</td>
<td>CA WELLS</td>
<td>CADW50000022968</td>
</tr>
</tbody>
</table>

- **Latitude**: 36.594664
- **Longitude**: 121.828861
- **Site code**: 365947N1218289W001
- **Local well**: MPWMD #FO-04-Deep
- **County id**: 27
- **Basin cd**: 3-4.08
- **Org unit n**: South Central Region Office
- **Casgem sta**: Not Reported
- **Casgem s 1**: Observation
- **Monloc desc**: Seaside Area
- **Site id**: CADW50000022968

### 3

**NNW**

<table>
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<td>1/2 - 1 Mile</td>
<td>FED USGS</td>
<td>USGS40000175146</td>
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- **Org. Identifier**: USGS-CA
- **Formal name**: USGS California Water Science Center
- **Monloc Identifier**: USGS-363544121495201
- **Monloc name**: 015S001E26N002M
- **Monloc type**: Well
- **Monloc desc**: Not Reported
- **Huc code**: 18060012
- **Drainagearea value**: Not Reported
- **Contrib drainagearea**: Not Reported
- **Contrib drainagearea units**: Not Reported
- **Longitude**: -121.8321737
- **Horiz Acc measure**: 1
- **Horiz Collection method**: Interpolated from map
- **Horiz coord refs**: NAD83
- **Vert measure units**: feet
- **Vert measure val**: 120.00
- **Vert acc measure units**: feet
- **Vert acc measure val**: 010
- **Vert collection method**: Interpolated from topographic map
- **Vert coord refs**: NGVD29
- **Countrycode**: US
- **Aquiisonername**: California Coastal Basin aquifers
- **Formation type**: Not Reported
### GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported  
Construction date: 19550101  
Welldepth: 100  
Welldepth units: ft  
Wellhole depth units: Not Reported

Ground-water levels, Number of Measurements: 33

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<th>Feet to Sealevel</th>
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<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
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<tbody>
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<td>1983-04-26</td>
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</table>

4  
**WNW 1/2 - 1 Mile Higher**  
Site ID: 642  
Groundwater Flow: SSW  
Shallow Water Depth: 11  
Deep Water Depth: 19.8  
Average Water Depth: Not Reported  
Date: 02/10/1994  

**AQUIFLOW 50104**

5  
**NNW 1/2 - 1 Mile Higher**  
Latitute: 36.597726  
Longitude: 121.834571  
Site code: 365977N1218346W001  
Casgem sta: Not Reported  
Local well: Plumas '90 Test  
Casgem s 1: Observation  
County id: 27  
Basin cd: 3-4.08  
Basin desc: Seaside Area  
Org unit n: South Central Region Office  
Site id: CADWS0000022983  

**CA WELLS CADWS0000022983**
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

1 NNW
1/4 - 1/2 Mile
OIL_GAS CAOG9A000204766

<table>
<thead>
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<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Database</th>
<th>EDR ID Number</th>
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<td>NNW</td>
<td>1/4 - 1/2 Mile</td>
<td>OIL_GAS</td>
<td>CAOG9A000204766</td>
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<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</tr>
<tr>
<td>Blmwell:</td>
<td>N</td>
</tr>
<tr>
<td>Dryhole:</td>
<td>N</td>
</tr>
<tr>
<td>Operator:</td>
<td>John Stephen Horn</td>
</tr>
<tr>
<td>County:</td>
<td>Monterey</td>
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<tr>
<td>Area:</td>
<td>Any Area</td>
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<td>T-A</td>
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<td>Confidenti:</td>
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<tr>
<td>Welldepth:</td>
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<td>Gissymbol:</td>
<td>POG</td>
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<td>Site id:</td>
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</table>

© GEOCHECK - PHYSICAL SETTING SOURCE MAP FINDINGS
State Database: CA Radon

Radon Test Results

<table>
<thead>
<tr>
<th>Zipcode</th>
<th>Num Tests</th>
<th>&gt; 4 pCi/L</th>
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<tbody>
<tr>
<td>93940</td>
<td>311</td>
<td>17</td>
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Federal EPA Radon Zone for MONTEREY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93940
Number of sites tested: 2

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
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TOPOGRAPHIC INFORMATION

USGS 7.5’ Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5’ Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5’ Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOWR Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture’s (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR’s Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California’s Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.
APPENDIX F

City Directory
## Table of Contents

**SECTION**

Executive Summary

Findings

City Directory Images

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**Thank you for your business.**

Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.’s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR’s City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

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## FINDINGS

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| 441 | LAURENT GABRIEL PHOTOGRAPHY | | STARBUCKS COFFEE |
| 443 | U BREAK I PHIX | | |
| 447 | WELLS FARGO | | |
| 451 | AVIAN &amp; EXOTIC CLINIC | | PET SPECIALISTS OF MONTEREY |
| 453 | PET SPECIALISTS OF MONTEREY | | |
| 455 | THOMAS SHANNON A DVM | | |
| 455 | THE UPS STORE | | |
| 457 | STONECREEK NAILS | | |
| 459 | RED BRICK PIZZA | | |
| 461 | QUIZNOs | | |
| 463 | JAMBA JUICE | | |
| 465 | STONE CREEK KITCHEN | | |
| 515 | THE OAKS OF DEL RAY HOA | | |
| 555 | MOOSE LODGE | | |
| 650 | CITY OF DEL REY OAKS | | |
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<td>MONTE MART TRAVEL CENTER</td>
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<tr>
<td></td>
<td>RALPHS GROCERY CO</td>
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DEL REY GARDENS DR  2008

120  AT & T BROADBAND OF MONTEREY
     ROLANDS & ASSOCIATES
     ROLANDS & ASSOCIATES CORP
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<td>RYAN RANCH RD</td>
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<tr>
<td>10</td>
<td>MONTEREY CITY DISPOSAL SERVICE INC</td>
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<tr>
<td>20</td>
<td>CTB MCGRAW HILL</td>
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<td></td>
<td>GUCKENHEIMER MC GRAY HILL CAFE</td>
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<td>MCGRAW HILL SCH SYS</td>
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<td>23</td>
<td>CITY OF MONTEREY</td>
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<tr>
<td>403</td>
<td>AARON NYE</td>
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<tr>
<td>425</td>
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<tr>
<td>435</td>
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<tr>
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<tr>
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<td>CLEMENTINES KITCHEN</td>
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<tr>
<td>555</td>
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<tr>
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<td></td>
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<tr>
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<td>OCCUPANT UNKNOWN</td>
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<td>810</td>
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<td>DATA RX INC</td>
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<td>OCCUPANT UNKNOWN</td>
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<td>RALPHS GROCERY CO</td>
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<td>VALUE MAX OFFICE</td>
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**DEL REY GARDENS DR**  2003

120  AT & T BROADBAND  
     AT & T CABLE SERVICES OF MNTRY  
     AT & T MEDIA SERVICE
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<td>MONTEREY CITY DISPOSAL SRVC INC</td>
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<td>OCCUPANT UNKNOWN</td>
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<tr>
<td>20</td>
<td>GARY BUNDURA</td>
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<td>MONTEREY CITY OF PUBLIC WORKS</td>
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<tr>
<td></td>
<td>650 DEL REY OAKS POLICE DEPARTMENT</td>
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<td></td>
<td>810 DEL REY CAR WASH</td>
</tr>
<tr>
<td></td>
<td>815 MONTE MART GROCERY WAREHOUSE</td>
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<td>815 MONTE MART TRAVEL CENTER</td>
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**DEL REY GARDENS DR** 1999

120  TCI MEDIA SERVICES MONTEREY BAY
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<td>CALIFORNIA TEST BUREAU</td>
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<td>CTB MCGRAW HILL</td>
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**CANYON DEL REY BLVD**  **1995**

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<tr>
<th>Number</th>
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<tbody>
<tr>
<td>455</td>
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<tr>
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<tr>
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<td>DATA RX INC</td>
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<td>MONTE MART GROCERY WAREHOUSE</td>
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<td>PACIFIC CLIFF FINANCIAL SVC</td>
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<td>MONTEREY SALINAS TRANSIT</td>
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<td>CTB MAC MILLAN MC GRAW HILL</td>
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<td>MONTEREY PARKS &amp; FORESTRY</td>
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<td>MONTEREY STREET MAINTENANCE</td>
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1995
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**CANYON DEL REY BLVD  1992**

- 0  MONTERY BCH HTL
- 455  TANAKAS GARDEN CNTR
- 515  MANAGMT COST CONTRL
- 555  THE OAKS OF DELRAY
- 650  MOOSE LODGE NO 876
- 650  DEL REY CTY CTY HLL
- 650  DELREY OAKS CTY HLL
- 810  DEL REY CAR WASH
- 810  DELREY CAR WASH
- 815  DATA RX INC
- 815  DATA-RX INC
- 815  MONTE MART TRVL CTR
- 815  MONTEMAR MANAGEMENT
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835 Old General Store The antiques 372-1423
837 Jacques antiques 373-6073
851 Kalisa’s Cosmopolitan Gourmet
Restaurant 372-8512
DAVID AV BEGINS
886 Under Constn

CANYON DEL REY (DEL—REY OAKS)—
FROM 2999 SALINAS HWY
NORTHWEST

ZIP CODE 93940
RYAN RANCH RD BEGINS
455 Tanaka’s Garden Center 394-3411
540 Monterey Peninsula Unified School (Dist Mtce Shop) 649-7501
DEL REY GARDENS DR BEGINS
555 Moose Lodge No 876 394-6896
650 Del Rey Oaks City Hall 394-8511
Del Rey Oaks City Bldg Insp 394-8511
Del Rey Oaks City Clk 394-8511
Del Rey Oaks City Council 394-8511
Del Rey Oaks Disaster Council 394-8511
Del Rey Oaks Finance Dept
Del Rey Oaks Mayor
Del Rey Oaks Planning Comn 394-8511
Del Rey Oaks Police Dept 375-8525
Del Rey Oaks Street Dept
Del Rey Oaks City Treas
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**CANYON DEL REY BLVD**  1982

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<td>VIA VERDE ENDS</td>
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<tr>
<td>CARLTON DR BEGINS</td>
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<tr>
<td>WORK AV BEGINS</td>
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<td>CANYON ST BEGINS</td>
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<tr>
<td>WILSON ST BEGINS</td>
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<tr>
<td>ROSITA RD BEGINS</td>
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<tr>
<td>810 Del Rey Car Wash  394-2300</td>
</tr>
<tr>
<td>815 Monte Mart Of Del Rey Oaks Market</td>
</tr>
<tr>
<td>Inc dept store 394-6575</td>
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<tr>
<td>Monte Mart Of Del Rey Oaks travel bur</td>
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<tr>
<td>899-4223</td>
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<td>FREMONT ST INTERSECTS</td>
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**CANYON DEL REY BLVD (SEASIDE)**  FROM 1083 FREMONT BLVD WEST

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<td>CHARLES AV BEGINS</td>
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<td>WILLIAMS AV BEGINS</td>
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<td>MARIN ST BEGINS</td>
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<td>1140 Adams Delbert</td>
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<td>FRANCES AV BEGINS</td>
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<td>HILBY AV BEGINS</td>
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<td>1180 State Dept Of Motor Vehicles 649-2935</td>
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<td>1181 Vacant</td>
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<td>HARCOURT AV BEGINS</td>
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<td>1250 Goodwin C</td>
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<td>1251 Fratessa Joseph B (Stge Yd)</td>
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<td>1259 Under Constn</td>
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<tr>
<td>1260 Gentry Randall 899-0410</td>
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<td>1270a Slattery Gary 899-4804</td>
</tr>
<tr>
<td>1270b Vacant</td>
</tr>
<tr>
<td>1270c Waldin Sue</td>
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<tr>
<td>1270d Barnes Ted</td>
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<tr>
<td>1270e Gonzales Juan 394-6066</td>
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<tr>
<td>1271 Armstrong Paper Co whol 899-2448</td>
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</table>
DEL REY GARDENS DR (DEL REY OAKS)—FROM 540 CANYON DEL REY SOUTHEAST

ZIP CODE 93940
CALLE DEL OAKS BEGINS

DEL ROBLES AV (MONTEREY)—FROM 29 ENCINA AV SOUTH

ZIP CODE 93940
2 Horstman Sid G 375-0305
6 Sorey Ralph A © 372-1356
10 Hattori Rick N 373-4583
30 O'Neill Thos P © 372-1153
303 Vacant
306 Kofer Marvin ©
CANYON DEL REY BLVD 1978

851 Kalisa’s Cosmopolitan Gourmet
Restaurant 372-8512
886 Vacant
DAVID AV BEGINS

CANYON DEL REY (DEL REY OAKS)
FROM 2999 SALINAS HWY
NORTHWEST

ZIP CODE 93940
540 Monterey Peninsula Unified School (Dist
Mtce Shop) 649-7214
DEL REY GARDENS DR BEGINS
555 Lodge No 876 (LOOM) 394-6896
650 Del Rey Oaks City Hall 394-8511
Del Rey Oaks Atty 375-3181
Del Rey Oaks City Bldg Insp 394-8511
Del Rey Oaks City Clk 394-8511
Del Rey Oaks City Council
Del Rey Oaks Disaster Council
Del Rey Oaks Finance Dept
Del Rey Oaks Mayor
Del Rey Oaks Planning Comm 394-8511
Del Rey Oaks Police Dept 375-8525
Del Rey Oaks Street Dept
Del Rey Oaks City Treas

STREET CONTINUED
VIA VERDE ENDS
CARLTON DR BEGINS
WORK AV BEGINS
CANYON ST BEGINS
WILSON ST BEGINS
ROSITA RD BEGINS
810 Del Rey Car Wash 394-2300
815 Monte Mart 394-6575
Monte Mart Travel Center 899-4223
FREMONT ST INTERSECTS

CANYON DEL REY BLVD (SEASIDE)
FROM 1083 FREMONT BLVD
NORTHEAST

ZIP CODE 93955
HILRY AV BEGINS
DEL REY GARDENS DR 1978

350 Lucky Store gro
900 Del Monte Pastry Shop 375-4222
906 Headquarters The barber shop 375-1660
910 Country Club Cleaners 372-3101
920 Swensen’s Ice Cream 375-5535
930 Andre’s Beauty Salon 373-3225
940 Red Carpet Realtors 373-2421
950 Natural Food Center health 375-2188
960 El Indio Mexican Restr 375-4446
980 Fish & Chips restr 372-9757
990 El Patio Restaurant 372-1400
1000 Thrifty Drugs 373-8700
1050 Radio Shack electronic equip 373-0908
1100 World Savings & Loan Assn 373-3215

DEl REY GARDENS DR (DEl REY OAKS)—FROM 540 CANYON DEl REY SOUTHEAST

ZIP CODE 93940

and S
PORSCHE SERVICE

Tel. (408) 373-5355
DEL REY GARDENS DR

1978
CANYON DEL REY BLVD  1973

CANYON DEL REY (DEL REY OAKS PO MONTEREY)—FROM FREMONT ST SOUTHEAST CONTINUATION CANYON DEL REY SEASIDE

ZIP CODE 93940
CARLTON DR INTERSECTS
540 Monterey Peninsula Unified School (Dist Mtce Shop) 649-7214
555 Lodge No 876 (L O O M) 394-6896
650 Del Rey Oaks City Hall 394-8511
Del Rey Oaks Atty 375-4511
Del Rey Oaks City Bldg Insp 394-8511
Del Rey Oaks City Clk 394-8511
Del Rey Oaks City Council
Del Rey Oaks Disaster Council
Del Rey Oaks Finance Dept
Del Rey Oaks Mayor
Del Rey Oaks Planning Comm 394-8511
Del Rey Oaks Police Dept 375-8525
Del Rey Oaks Street Dept
Del Rey Oaks City Treas
815 Monte Mart 394-6575

CARLTON DR (DEL REY OAKS PO MONTEREY)—FROM CANYON DEL REY NORTHEASTERLY IN A SEMI-CIRCLE

ZIP CODE 93940
2 Brantley J C © 394-8909
4 Hayworth Glenn L © 394-0890
CANYON DEL REY BLVD  1964

Who's Who and Where?

CANNON LANE—From Leahy rd east near Naval Reservation

CANYON DEL REY (Del Rey Oaks, PO Monterey)—From intersection Fremont and Kolb av southeast, continuation Canyon Del Rey Seaside

Carlton dr intersects sw cor City Hall
FR5-2431
City Attorney 325-4511
City Bldg Insp 375-2431
City Clerk
City Council
City Disaster Council
City Finance Dept
City Mayor
City Planning Comm
FR5-2431
City Police Dept
FR5-8525
City Street Dept
City Treasurer

CARLTON DRIVE (Del Rey Oaks, PO Monterey)—From Canyon Del Rey northeasterly in a semi-circle
2 Preston Jas F @ FR2-5051
APPENDIX G

Environmental Lien Search
The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:
- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders’ offices, registries of deeds, county clerks’ offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS

MST RYAN RANCH BUS MAINTENANCE FACILITY
1 RYAN RANCH ROAD
MONTEREY, CA 93940

RESEARCH SOURCE

Source 1: Monterey Assessor
Monterey County, California

Source 2: Monterey Recorder
Monterey County, California

PROPERTY INFORMATION

Deed 1:
Type of Deed: Corporation Grant Deed
Title is vested in: Monterey Peninsula Transit Joint Powers Agency, a public agency
Title received from: Utah International Inc., formerly known as Utah Construction & Mining Co.
Deed Dated: 07/02/1976
Deed Recorded: 07/14/1976
Reel: 1068
Page: 764
Instrument: G 26907

Legal Description: All that certain piece or parcel of land being Parcel A1-3, containing 5 acres, more or less, more commonly known as 1 Ryan Ranch Road in Monterey, situate and lying in the County of Monterey, State of California.

Legal Current Owner: Monterey Peninsula Transit Joint Powers Agency, a public agency

Property Identifiers: 259-011-067
EDR Environmental LienSearch™ Report

ENVIRONMENTAL LIEN
Environmental Lien:   Found  Not Found  
If found:

1st Party:
2nd Party:
Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)
Other AUL's:   Found  Not Found  
If found:

1st Party:
2nd Party:
Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:
DEED EXHIBIT
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged.

UTAH INTERNATIONAL INC., formerly known as Utah Construction & Mining,
a corporation organized under the laws of the state of Delaware

hereby GRANTS to

MONTEREY PENINSULA TRANSIT JOINT POWERS AGENCY, a public agency

the following described real property in the City of Monterey,
County of Monterey, State of California:

As more fully described in Exhibit "B" attached hereto and incorporated herein,

TOGETHER WITH a non-exclusive easement for ingress and egress

over that real property more fully described in Exhibit "D"

attached hereto and incorporated herein.

In Witness Whereof, said corporation has caused its corporate seal and seal to be affixed hereto and this instrument to be executed by its Senior Vice President and Assistant Secretary thereunto duly authorized.

Dated: July 2, 1976

STATE OF CALIFORNIA
COUNTY OF SAN FRANCISCO } SS.

On July 2, 1976 before me, the undersigned, a Notary Public in and for said County and State, personally appeared

ALFRED BROWN,

known to me to be the

President, and

K. FERGUSON,

Secretary

Assistant Secretary of the Corporation that executed the within instrument, known to me to be the person who executed the within instrument on behalf of the Corporation therein named, and acknowledged to me that such Corporation executed the within instrument pursuant to its bylaws or a resolution of its board of directors.

WITNESS my hand and official seal.

Signature

Name (Typed or Printed)

Notary Public in and for said County and State

Title Order No.

Escrow or Loan No.
LEGAL DESCRIPTION

PARCEL B
FOR MONTEREY PENINSULA TRANSIT PARCEL

ALL THAT certain real property situate in the City of Monterey, County of Monterey, State of California, being a portion of that certain parcel of
land designated as "Parcel A-2" as said parcel is described as the Second
Exception in the deed recorded March 6, 1972 in Reel 758 of Official Records
of Monterey County at Page 103, said portion being more particularly described
as follows:

BEGINNING at the point of intersection of the Northerly right-of-way line of the
State Highway No. 218 (formerly No. 117) with the Southerly line of that certain
10.320 acre parcel described by deed recorded in Reel 418 of Official Records
of Monterey County at Page 596 and also shown on the Record of Survey Map
recorded in Volume X-3 of Surveys at Page 226; thence along the Southerly
line of said 10.320 acre parcel North 85°52'00" East 221.28 feet; thence South
72°05'30" East 190.97 feet to the TRUE POINT OF BEGINNING of the herein described
parcel; thence continuing along said Southerly line South 72°05'30" East 307.60
feet; thence South 29°06'30" East 139.47 feet; thence leaving said Southerly
line South 15°30'30" West 319.76 feet; thence South 86°00'00" West 76.56 feet;
thence North 15°39'30" East 41.14 feet; thence South 80°19'30" West 265.00 feet;
thence North 22°40'30" West 68.37 feet; thence North 73°06'50" East 256.38 feet
to the TRUE POINT OF BEGINNING. The above described contains 5.00 acres of land
more or less.

EXHIBIT "B"
April 23, 1976

Job No. 72141-5

LEGAL DESCRIPTION

PARCEL D

ROADWAY EASEMENT ADJACENT TO MONTEREY PENINSULA TRANSIT PARCEL

ALL THAT certain real property situated in the City of Monterey, County of Monterey, State of California, being a portion of that certain parcel of land designated as "Parcel A1-3" as said parcel is described as the Second Exception in the deed recorded March 6, 1972 in Reel 758 of Official Records of Monterey County at page 103, said portion being more particularly described as follows:

BEGINNING at the point of intersection of the Northerly right-of-way line of the State Highway No. 218 (formerly No. 117) with the Southerly line of that certain 10.32 acres parcel described by deed recorded in Reel 418 of Official Records of Monterey County at Page 556 and also shown on the Record of Survey Map recorded in Volume X-3 of Surveys at Page 226; thence along said Northerly right-of-way line of the State Highway South 22°40'30" East 637.61 feet to the TRUE POINT OF BEGINNING of the herein described easement. Thence from the TRUE POINT OF BEGINNING leaving said Highway right-of-way along a curve to the left tangent to said right-of-way line having a radius of 50.00 feet a central angle of 88°12’32" an arc distance of 74.36 feet to a point of reverse curvature; thence along a curve to the right having a radius of 685.00 feet a central angle of 11°53’22" an arc distance of 142.14 feet; thence North 84°00’00" East 222.25 feet; thence South 6°00’00" East 68.00 feet; thence South 83°06’27" West 253.10 feet; thence along a curve to the left tangent to the preceding course having a radius of 605.00 feet a central angle of 7°26’23" an arc distance of 78.36 feet to a point of compound curvature thence along a curve to the left having a radius of 50.00 feet a central angle of 9°20’34" an arc distance of 84.07 feet to a point on the aforementioned Northerly right-of-way line of the State Highway thence along said right-of-way line North 22°40’30" West 180.83 feet to the TRUE POINT OF BEGINNING. The above described contains 0.725 acres of land more or less.

EXHIBIT "D"

END OF DOCUMENT
APPENDIX H

Site Photographs
Photo 1 – Administration Building

Photo 2 – Administration Building Interior
Photo 3 – Administration Building Roof

Photo 4 – Administration Building Roof
Photo 5 – Administration Building PG&E Transformer

Photo 6 – Repair Bays
Photo 7 – Repair Bays Interior

Photo 8 – Repair Bays Waste Oil Filter Crusher
Photo 9 – Repair Bays Hoist Pit

Photo 10 – Repair Bays Parts Cleaning Area
Photo 11 – Repair Bays Covered Equipment/Storage Area

Photo 12 – Repair Bays Covered Equipment/Storage Area
Photo 13 – Repair Bays Covered Equipment/Storage Area

Photo 14 – Repair Bays Covered Equipment Storage Area
Photo 15 – Repair Bays Roof

Photo 16 – Steam Rack
Photo 16 – Oil Storage Tank Behind Repair Bays

Photo 17 – Tire Area
Photo 18 – Used Scrap Metals/Parts and Hazardous Waste Storage Area

Photo 19 – Hazardous Waste Storage Area
Photo 20 – Liquid Flammable Materials Storage

Photo 21 – Bus Wash Area, Front View
Photo 22 – Bus Wash, Rear View

Photo 23 – Bus Wash, Rear View
Photo 24 – Underground Fuel Storage Tanks

Photo 25 – Fuel Island
Photo 26 – Emergency Generator at Administration Building

Photo 27 – Annex Building